





 OLIMPIA  

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SPLENDID

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## Air conditioning according to Olimpia Splendid

The initial core of what would become the Olimpia Splendid of today a fully Italian owned company that has made its name worldwide with absolutely innovative products - was founded in 1956 in Gualtieri in the province of Reggio Emilia.

It was founded as a cottage industry but in the early 1960's it took on full industrial proportions, becoming world leader in the production of cookers and heating units. In the 1980's it entered the air conditioning sector and immediately stood out for its cutting-edge technological solutions. In the 1990's, it became the second company for the sale of portable air conditioners in Italy, setting itself among top three on the European market.

Today Olimpia Splendid is a leader in the field of air conditioning, heating and dehumidification, a

true climate specialist that produces and distributes hundreds of different products. Besides the Italian production and marketing units, Olimpia Splendid also has production and marketing units in China and marketing units in Spain and France, its network covering all 5 continents. It exports to 45 countries. The recognized strengths of the company's products are their utmost characterization, undisputed creativity, innovative technology and high quality levels.

### User friendly: evolution of the species

There is air conditioning.

And then there is Olimpia Splendid air conditioning: a new approach that is, in many ways, revolutionary, taking the user's needs as the starting point rather than the unit functions. The best cooling in summer and even the best heating in winter, certainly.

But today that is no longer enough.

Further expectations have emerged and must be met. Needs, desires. New ones are always being discovered. Intercept, understand, study.

And then design, calibrate, test.

This is what Olimpia Splendid does, proposing a complete range of units able to meet any consumer demand, placing the right emphasis on their needs.

For example, the need for silence: fundamental during one's daytime activities and an absolute necessity at night when sleeping. Reliability, which must be total.

Minimum dimensions in portable and fixed units. The ability for unforced integration with the furnishings, low power consumption, easy operation, absolute regulation.

All this and much more makes Olimpia Splendid truly user friendly. First and foremost this means being on the users' side, anticipating their needs and designing easy-to-use climate control units.

This has led to such revolutionary products as Unico, the fixed air conditioner without an outdoor unit, Issimo, the smallest, most manageable portable unit in the world and Mimetico, the split with the invisible outdoor unit. Today, with the outdoor climate increasingly out of control, thanks to Olimpia Splendid, the indoor climate is increasingly under control.

The term "user friendly" by definition embraces sensitivity towards the environment; Olimpia Splendid considers respect for the environment a fundamental company "mission".

The top-level energy efficiency that Olimpia Splendid has long worked on is to the environment's benefit, reducing consumption and avoiding

Inside the factory



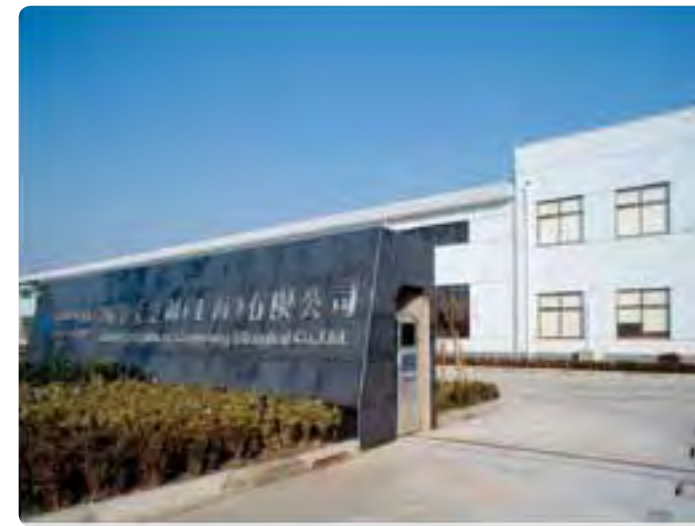




Site in Gualtieri (RE)



Site in Paris



Site in Shanghai

wasting resources: Most of Olimpia Splendid's appliances are Class A, the very best there is. Of fundamental importance is the safeguarding of the ozone layer: Olimpia Splendid products use environment-friendly gases, including R410A, with a destructive effect on the ozone layer equal to zero. Olimpia Splendid is likewise concerned with aesthetic pollution, both inside and out, paying the greatest attention to design and coming up with innovative solutions which do not penalize building façades, such as Unico and Mimetico. This is what led to them collaborating with Corporate Golden Donor, the section of the FAI (Fondo per l'Ambiente Italiano – the Italian 'National Trust') set up in 2002 by all those small, medium and large firms which cherish the inherited treasures of Italy, and want to

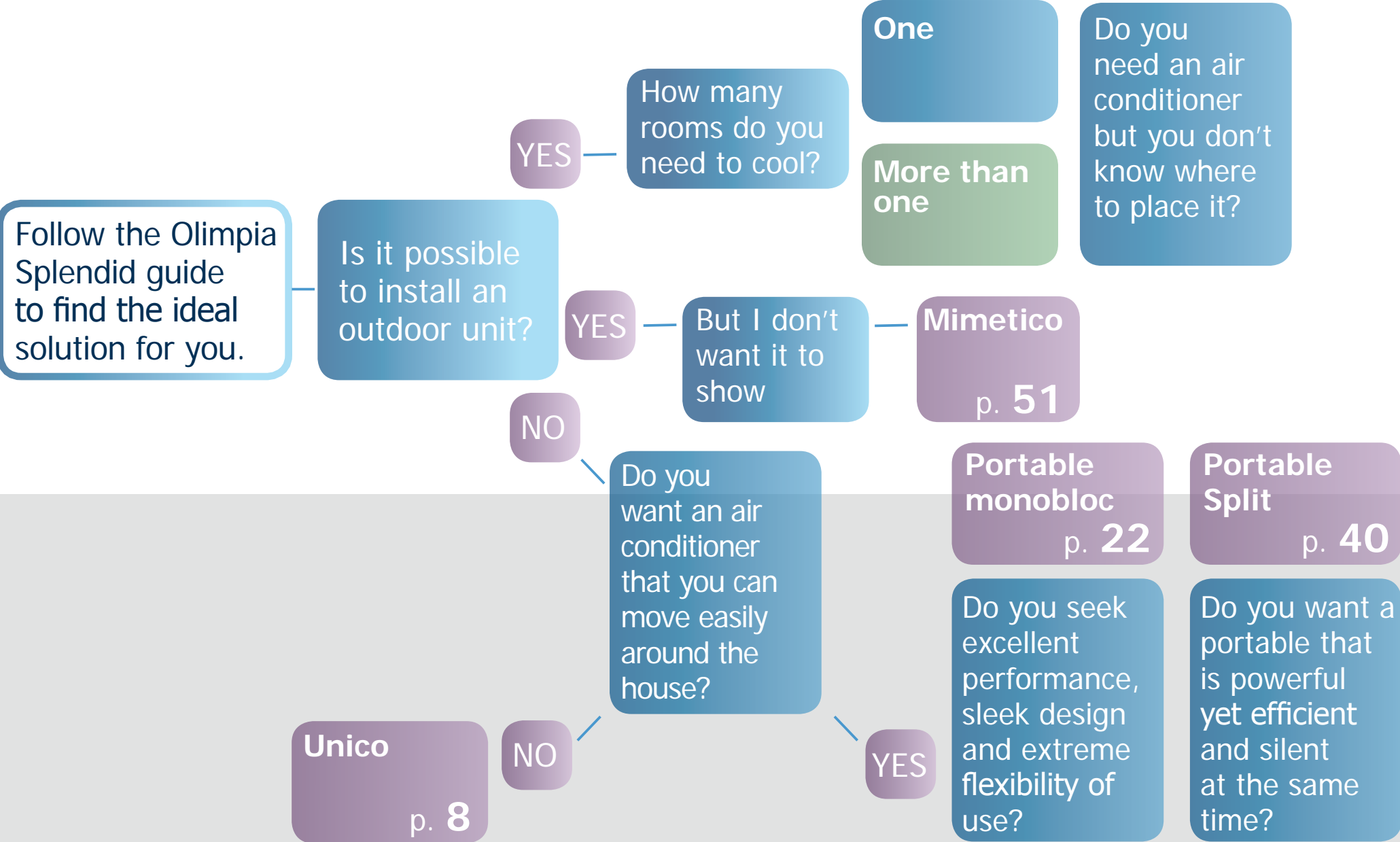
protect and make the most of them.

One of the FAI's missions, as is well known, is the conservation of monuments, landscape and nature throughout Italy. Olimpia Splendid is thus part of an esteemed, commendable network which encourages a mutual interest in art and culture. Respect for the environment continues even after the use cycle. Olimpia Splendid is amongst the founder members of Ridomus, the consortium for the disposal and recovery of products at the end of their life. In this way, new products may be obtained starting from recycled raw materials. The finest air-conditioning and respect for the environment: For Olimpia Splendid these are two sides of the same coin.

Site in Madrid



Do you need an air conditioner?



**Evoluzione**

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Are you seeking the best performance at the best price?

**Diffusione  
Multi 21**

p. **78**

**Big**

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Are you looking for a solution for large residential or commercial areas?

**Inverter**

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Is energy savings one of your prime objectives?

Are you looking for a flexible, complete solution for air conditioning several rooms?

**MultiFlexi  
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**Big Inverter  
Commercial**

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Do you want a powerful, efficient air conditioner that is out of sight?

OLIMPIA

SPLENDID

## Air conditioning on a human scale

### Products designed for those who use them

Innovation and functionality. These are the key concepts around which the Olimpia Splendid product line is built; products designed to meet demands, resolve problems, offer solutions. These are products with refined design that offer lines that can blend well with any home space. In these products technology is never an end in and of itself; rather it is the guarantee for easy, intuitive functions. To put it simply: userfriendly products, technology on a human scale.

### Respect for the environment, a fundamental value

The comfort that technology produces cannot be to the detriment of the environment where we live. Caring for the environment means awareness, it means safeguarding people's health, preserving our world's resources and its beauty.

That is why Olimpia Splendid uses the best technology for saving energy and protecting the environment: ecological low-impact R410A gas, with a pollution rate close to zero, high-efficiency class A rated units designed to blend in unobtrusively in any context, so that the environment can be respected also from an aesthetic point of view.

For the same reason Olimpia Splendid, together with other major companies in the sector, is a partner in the Ridomus Consortium which controls optimal disposal of air conditioners and humidifiers.



Olimpia Splendid products use the environmentally friendly gas, R410A, which has practically no effect on the ozone layer.

OLIMPIA  
SPLENDID



## Ridomus: Olimpia Splendid among its founding partners

Olimpia Splendid is amongst the founder members of Ridomus, the consortium dedicated to the recovery, recycling and disposal of air-conditioners and dehumidifiers; an operation of exceptional environmental and social significance which reduces pollution, optimizes waste disposal costs, safeguards users' health, and spreads awareness of the culture of recycling amongst consumers. This means making people aware that the life cycle of a product does not end after it is sold, but continues with the recovery of the raw materials it contains when it is scrapped; in this way, new products come to life. Something which will become more frequent in the future as more and more products are obtained from recycled raw materials. Ridomus separates and follows every fragment of waste step by step until it is completely reused in further production cycles: Nothing is neglected, nothing is wasted. This result comes from extensive research work and a remarkable organisational capacity in the collection and treatment phases, using avant-garde plants and systems designed to avoid leaks and make sure everything is ready for the subsequent operations. Ridomus' commitment and professionalism have been amply acknowledged, and rewarded by the granting of ISO 9001:2008 quality certification by TUV Sud, one of the most accredited international technical services.



## Energy labelling, a benchmark

Ever attuned to environmental protection understood.

Not only as compliance with current law but also as paying particular attention to the users of its products - Olimpia Splendid has conceived an entire line of monosplit, multisplit, ducted and portable air conditioners that can provide all the wellness of the best possible living comfort in combination with the lowest operating costs possible. The Olimpia Splendid air conditioners have a High Efficiency and Class A rating: the best for high performance and low power consumption. The EC Directive 2002/31 - implemented in Italy as of January 1st 2003 with a law reflecting the European Union provisions - sets the requisites for the energy labelling of electrically powered air conditioners with a refrigeration capacity of not more than 12 kW. The energy label is an important milestone which, at the moment of purchase, provides the consumers with specific information and technical data regarding the power consumption of the air conditioners and, thus, provides them with as precise an idea as possible of the power savings that can be achieved while running any given class of air conditioner.



And the class A rating is synonymous with efficiency and low energy consumption.

## Energy

Manufacturer		OLIMPIA SPLENDID	Manufactured brand
Outside unit			
Inside unit		INVERTER DC 11 HP HE	Model or manufacturer system ID
More efficient		A	Energy efficiency class for the model system (from A to G)
Less efficient			
Annual energy consumption kWh in cooling mode (Actual consumption will depend on how the appliance is used and climate)		310	Indicative annual energy consumption (according to harmonized standards)
Cooling output kW Energy efficiency ratio (EER) At full load (The higher the better)		2,65 4,27	Cooling capacity EER - Energy efficiency rating
Size	Cooling output		Type of unit (cooling only, cooling/heating)
	Cooling/Heating	←	
	Air cooled	←	Type of cooling (air, water)
	Water cooled	←	
Heat output kW		3,10	Heating capacity (if applicable*)
Heating performance		A B C D E F G	Heating capacity (if applicable*)
w			
Noise [dB(A) re 1 pW]			Noise identification (if required by the member country)
Further information is contained in product brochures			
Norm EN 14511 Air-conditioner Energy label Directive 2002/31/EC			

\*Zone reserved for air conditioners with heating functions

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# Monovolume

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New!

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unico

## Technical data

	UNICO INVERTER 9 SF	UNICO INVERTER 9 HP	UNICO INVERTER 12 SF	UNICO INVERTER 12 HP	New! UNICO 8.5 SF	New! UNICO 8.5 HP	New! UNICO 11,5 SF	New! UNICO 11,5 HP	UNICO EASY SF	UNICO EASY HP
Cooling capacity in kW	2,7*	2,7*	3,1*	3,1*	2,10	2,10	2,60	2,60	2,05	2,00
Heating capacity in kW	/	2,7*	/	3,0*	/	2,10	/	2,50	/	2,00
Energy efficiency class in cooling mode	A	A	A	A	A	A	A	A	A	A
Energy efficiency class in heating mode	/	A	/	A	/	A	/	A	/	B
Features										
Room Thermostat	•	•	•	•	•	•	•	•	•	•
Fan speed (in/out)	3/6	3/6	3/6	3/6	3/3	3/3	3/3	3/3	3/2	3/3
Condensed water recycling system	•	•	•	•	•	•	•	•	•	•
Heating pump		•		•		•		•		•
Motorized louvers	•	•	•	•	•	•	•	•		
AUTOFAN function	•	•	•	•	•	•	•	•	•	•
AUTO function	•	•	•	•	•	•	•	•	•	•
MOON function	•	•	•	•	•	•	•	•	•	•
ECONOMY function	•	•	•	•						
Only fan function	•	•	•	•	•	•	•	•	•	•
Dehumidifying function	•	•	•	•	•	•	•	•	•	•
Condensed water discharge pump		•		•		•		•		•
Electronic timer	•	•	•	•	•	•	•	•	•	•
On board electronic control system									•	•
LCD IR remote control	•	•	•	•	•	•	•	•		
Extractable LCD IR remote									•	•
Serial interface					Optional	Optional	Optional	Optional	Optional	Optional
Wireless wall control					Optional	Optional	Optional	Optional	Optional	Optional
Air filters	•	•	•	•	•	•	•	•	•	•
Air exchange system										
Low ambient control	•	•	•	•	•	•	•	•		
Electrostatic and Activated carbon filters	•	•	•	•	•	•	•	•		

\* For Inverter models data is referred to maximum capacity



Environmentally – Friendly



Maximum efficiency  
Low consumption

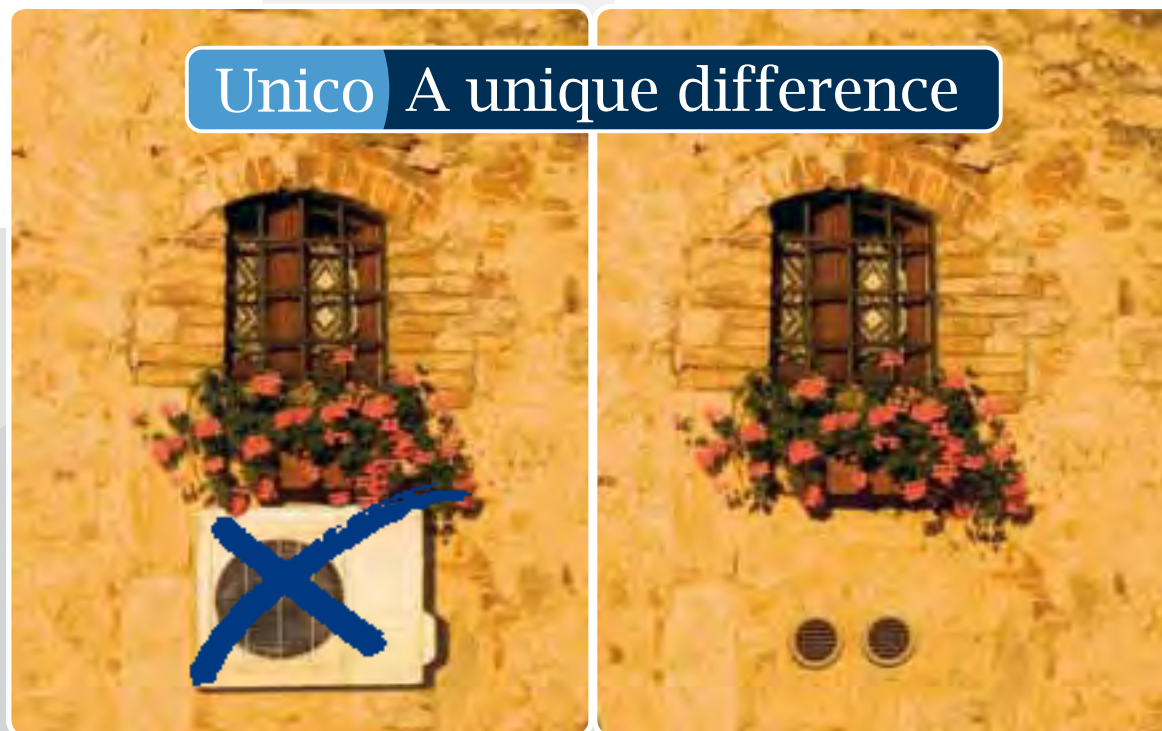


## Without outdoor unit

### An outdoor unit? No, thanks!

Olimpia Splendid was the first company to understand that eliminating the outdoor unit is first of all a matter of personal choice, not just a requirement; over 10 years ago we designed Unico, the first wall-mounted air conditioner without an outdoor unit. Its success grew year after year in Italy and around the world: with its current 3 Unico models can now can now meet every need in terms of power, installation requirements and decor. The bulky outdoor units are obtrusive, noisy, unsightly and produce heat. These negative characteristics become even more negative when the unit needs to be installed on a balcony or terrace. But the absence of an outdoor unit is only one of the extraordinary qualities that Unico can boast. A feature that benefits buildings and towns, by respecting their aesthetics. A solution that is very well appreciated by users but also by the **FAI** (Italian Environment Fund) which has included Olimpia Splendid in its Corporate Golden Donor list, which groups small, medium and large sized enterprises committed to protecting Italy's heritage. As for the installation of Unico units, everything can be done from inside the house, holes and grille fitting included. No need for complicated work on external walls, on high floors, thus saving time and money. In terms of its functions, Unico is a true technological gem, capable of programming and optimizing climate room by room as well as dehumidify and purify the air.

Thanks to the elimination of the outdoor unit, Unico revolutioned both theory and practice of air conditioning. Since 10 years Unico is an innovative and unique solution to our customers. In 1998 Olimpia Splendid launched the first version of today's Unico, called Single. Market reactions were so good to urge Olimpia splendid to broaden the range creating Unico Star in year 2000, Unico Sky in 2005, Unico Easy in 2007, Unico Inverter in 2010 and finally Unico in 2011. Growing demands of these products made Olimpia Splendid offer a complete range. It is a very complete range, that satisfies different needs in terms of dimensions, features, power, aesthetic.



Unico A unique difference

## More versatile

Unico is the first air conditioner that erased outdoor unit. In one body you find what in other air conditioners is divided in two. This allows permission to install Unico where otherwise external units are not permitted. Unico is electronically evolved to manage the perfect clima in every room.

## Unico range

Unico is a true climate control unit: to meet the widest range of demands, it comes in 3 models and a full 10 versions, 5 of which are fit with a heat pump so you can enjoy cooling in summer but also warmth in the in-between seasons.

## New Unico Inverter DC 2 capacities 4 models

Olimpia Splendid proposes the new Unico Inverter DC. The first and unique air conditioner without outdoor unit with inverter DC technology with several international patents. Two models have the heating mode for an optimal cooling and a good warmth as well.

## Lovely presence, wonderful absence

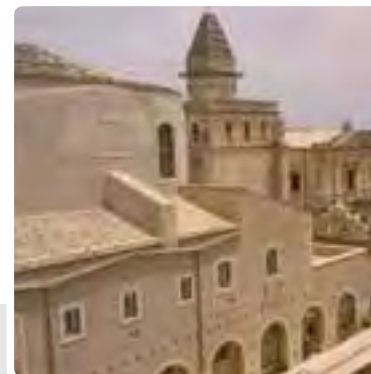
Outdoor and indoor units are finally brought together, eliminating complex, costly installations. The grilles covering the outside holes are practically invisible, thus optimizing environmental impact.

## Low installation costs

Unico is easy to install with just two holes that can be made from the inside using a core driller. The outside grilles can be set directly from inside the room. Easy, convenient, fast. No complex fitting masonry works or operations required outdoors on the upper floors. This simplicity translates into reduced costs.

## Always unique, more and more common

In 10 years, Unico has spread over the 5 continents, in all environments, residential or business. It is the choice of anyone who wants the utmost in climate control.



Noto, Italy



Santiago, Chile



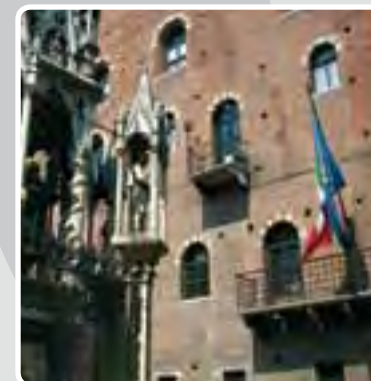
Fiji, Fiji Islands



Paris, France



Lubiana, Slovenia



Verona, Italy



Sydney, Australia



INVERTER



Without outdoor unit

International Patent Pending

Incredibly quiet, highly performing.



### Unico INVERTER DC

The first and only air conditioner without outdoor unit applying DC inverter technology. Great performance.

It delivers ideal warm-cool climate with AA energy efficiency level.

Noiseless operation with reduced consumption.

Design: King & Miranda

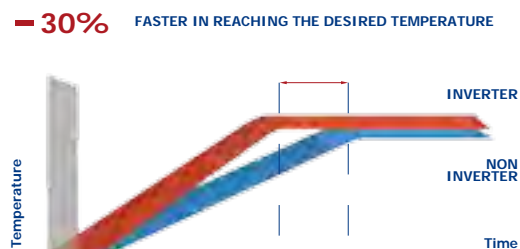
## Olimpia Splendid technology DC Inverter

With Unico, Olimpia Splendid invented and perfected single-unit air conditioners with no outdoor unit, which now come in a complete range. Over the years, Unico has become an international success. With its new Unico Inverter DC, Olimpia Splendid has designed an air conditioner that has no match in terms of efficiency, consumption, performance and design. For the first time, DC inverter technology has been applied to an air conditioner without outdoor unit, and the results are extraordinary.

### INVERTER technology

Unlike on-off systems, inverter units make it possible to reach the desired temperature rapidly and keep it constant, preventing sharp changes. Olimpia Splendid's Inverter DC machines guarantee noiseless operation and reduced consumption. Inverter technology ensures maximum efficiency and delivers optimal comfort while at the same time cutting costs.

The desired temperature in a shorter time



### Room temperature stability

In addition to reaching the required temperature more quickly, Inverter technology enables better control of room temperature, whether cool or warm, reducing fluctuations to a minimum.

## Two power ratings, four models, two with heat pump

A range of four models and two power ratings means you can find the right unit for every need.

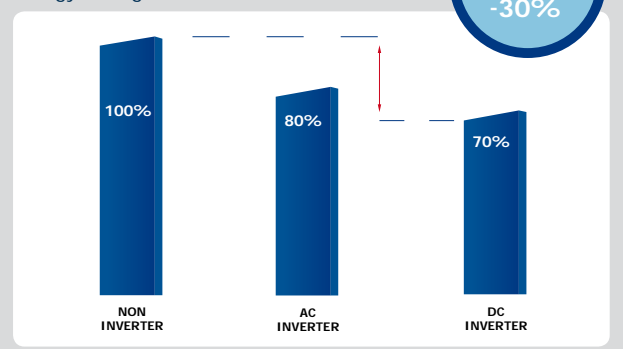
1. UNICO INVERTER DC 9 SF (only cold)
2. UNICO INVERTER DC 9 HP (with heat pump)
3. UNICO INVERTER DC 12 SF (only cold)
4. UNICO INVERTER DC 12 HP (with heat pump)

In Olimpia Splendid's inverter technology, the heat pump reaches very high efficiency levels, finding the perfect balance between perfect cooling and truly effective heating that you can use all through the winter and not only in moderately cold weather.

### Greater efficiency, reduced consumption

DC Inverter technology optimizes efficiency and radically cuts consumption – up to 30% – in addition to ensuring perfectly regular operation, giving higher performance and maximum results with minimal costs. The ratio between power produced and energy used is among the best in the market. Unico Inverter DC air conditioners have been rated AA for energy efficiency.

Energy saving



## Higher performance

Olimpia Splendid's inverter system constantly checks the rotation speed of the variable-speed compressor in order to guarantee optimal performance under any condition, which means reaching the set temperature quickly and keeping it steady.

### Low ambient control

Now Unico Inverter DC is suitable for cooling operation even when the outdoor temperature is as low as -10°C.



## High comfort thanks to optimal air flow and distribution

Air flow and air distribution are key elements for achieving perfect comfort. Unico Inverter generates up to a maximum of 490 m<sup>3</sup>/h of air, which is distributed efficiently throughout the room thanks also to the large-sized flap (690x60 mm). This means reduced consumption with the same cooling/heating performance.



## Now even more stylish with its unobtrusive design

The smartly styled Unico Inverter DC was designed by King and Miranda who have created an object that can blend into any decor, unobtrusively but also with character. A subtle and essential style that will suit any room.



## Maintenance and filter cleaning now easier than ever

Unico Inverter DC has been developed to ensure maximum accessibility during maintenance operations: conceived as a modular unit, all its sections are separable and easy to reach. Filter cleaning is extremely simple. To access filters, simply lift the air flap lightly. Then just pull out the double filter and it is ready to be cleaned. Unico Inverter is fitted with two types of filters: an **electrostatic filter** which controls and eliminates small particles and emissions such as smoke, dust, pollen, animal hair to prevent allergic reactions, and an activated **carbon filter** which eliminates bad odours and inactivates any harmful gases.



## Perfectly noiseless

They say silence is golden. But it is even more precious when referred to an air conditioner installed inside a home. Quiet during the day, so it will not disturb daily activities. And, more importantly, at night, because silence is really the first condition for a good night sleep. Unico Inverter DC achieves unimaginably silent operation thanks to the exclusive latest-generation technology.

## Installation

Unico inverter DC has been designed and developed for low or high installation. Thanks to innovative technical features, a few minutes is all it takes to prepare the machine for either type of installation. The installation of the unit requires no outside work: this means no difficult procedures and reduced costs. The visual impact on the outside wall is minimal with only two small grilles installed (each 202 mm diameter).\*



A. Installation on lower part of wall



B. Installation on higher part of wall

		UNICO INVERTER 9 SF	UNICO INVERTER 9 HP	UNICO INVERTER 12 SF	UNICO INVERTER 12 HP
		Cod. 01068	Cod. 01060	Cod. 01067	Cod. 01052
Cooling capacity (1) (min/nomin/max)	kW	1,4 / 2,3 / 2,7	1,4 / 2,3 / 2,7	1,8 / 2,7 / 3,1	1,8 / 2,7 / 3,1
Heating capacity (1) (min/nomin/max)	kW	—	1,4 / 2,4 / 2,7	—	1,8 / 2,7 / 3,0
Input power in cooling mode (1) (min/nomin/max)	W	460/850/1.300	460/850/1300	580/1.000/1.400	580/1.000/1.400
Input power in heating mode (1) (min/nomin/max)	W	—	420/750/1.200	—	530/840/1.300
Annual power consumption in cooling mode (1)	kWh	425	425	500	500
Dehumidification capacity	l/h	1,0	1,0	1,1	1,1
Voltage/Frequency	V-F-Hz	230-1-50	230-1-50	230-1-50	230-1-50
E.E.R	—	2,70	2,70	2,70	2,70
C.O.P.	—	—	3,20	—	3,21
Energy efficiency class in cooling mode	—	A	A	A	A
Energy efficiency class in heating mode	—	—	A	—	A
Fan speed (internal/external)	—	3/6	3/6	3/6	3/6
Indoor air flow in cooling mode (max/med/min)	m <sup>3</sup> /h	490/430/360	490/430/360	490/430/360	490/430/360
Indoor air flow in heating mode (max/med/min)	m <sup>3</sup> /h	—	490/430/360	—	490/430/360
Outside air flow in cooling mode (max/min)	m <sup>3</sup> /h	520/350	520/350	520/350	500/340
Outside air flow in heating mode (max/min)	m <sup>3</sup> /h	—	520/350	—	500/340
Dimensions (W x H x D)	mm	902x506x229	902x506x229	902x506x229	902x506x229
Weight (without packing)	kg	39	39	39	39
Sound level	db (A) (min-max)	34-43	34-43	34-43	34-43
Diameter of holes in wall*	mm	202	202	202	202
Refrigerant gas/load	Tipo/kg	R410A/0,490	R410A/0,570	R410A/0,490	R410A/0,540

OPERATIONAL LIMITS	Indoor temperature	Outdoor temperature
Operating temperature - max in cooling mode	DB 35°C - WB 24°C	DB 43°C - WB 32°C
Operating temperature - min in cooling mode	DB 18°C	DB -10°C
Operating temperature - max in heating mode	DB 27°C	DB 24°C - WB 18°C
Operating temperature - min in heating mode	—	DB -15°C

(1) The technical data are referred to EN 14511.

HP = heat pump

\* Unico Inverter can easily replace previously installed Unico Star and Unico Sky models as they have the same distance between air inlet and outlet and because it is designed to also enable installation with 162 mm holes.



Noiselessness and comfort in every season

### Unico

Unico with on off technology is the new air conditioner without outdoor unit with a modern, sleek design. Its extremely silent operation makes it particularly suitable for bedrooms.

AA energy efficiency performance, for comfortable temperature all year round.



## Two power ratings, four models, two with heat pump

A range of four models and two power ratings means you can find the right unit for every need.

1. UNICO 8,5 SF (only cold)
2. UNICO 8,5 HP (with heat pump)
3. UNICO 11,5 SF (only cold)
4. UNICO 11,5 HP (with heat pump)

The heat pump reaches very high efficiency levels, finding the perfect balance between perfect cooling and truly effective heating that you can use all through the winter and not only in moderately cold weather.

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The smartly styled Unico was designed by King and Miranda who have created an object that can blend into any decor, unobtrusively but also with character. A subtle and essential style that will suit any room.



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## Sound level scale



DECIBEL	NOISE SOURCE
130	JET AIRCRAFT AT TAKEOFF
120	SIREN
110	ROCK CONCERT
100	GOODS TRAIN
90	HEAVY TRAFFIC
80	ALARM CLOCK
70	TELEPHONE, TELEVISION
60	NOISY OFFICE
50	CONVERSATION BETWEEN TWO PEOPLE
34/43	UNICO
10/20	RUSTLING OF LEAVES

Note: the information is to be considered indicative (source: ISPRA)

## High comfort thanks to optimal air flow and distribution

Air flow and air distribution are key elements for achieving perfect comfort. Unico generates up to a maximum of 490 m<sup>3</sup>/h of air, which is distributed efficiently throughout the room thanks also to the large-sized flap (690x60 mm). This means reduced consumption with the same cooling/heating performance.



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## Low ambient control

Now Unico is suitable for cooling operation even when the outdoor temperature is as low as -10°C.

## Installation

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A. Installation on higher part of wall



B. Installation on lower part of wall

		New! 8.5 SF	New! 8.5 HP	New! 11.5 SF	New! 11.5 HP
		Cod. 01078	Cod. 01076	Cod. 01077	Cod. 01075
Cooling capacity (1)	kW	2,10	2,10	2,60	2,60
Heating capacity (1)	kW	—	2,10	—	2,50
Absorbed power in cooling mode (1)	W	765	765	945	945
Absorbed power in heating mode (1)	W	—	697	—	830
Annual power consumption in cooling mode (1)	kWh	383	383	473	473
Dehumidification capacity	l/h	0,9	0,9	1,1	1,1
Voltage/Frequency	V - F - Hz	230-1-50	230-1-50	230-1-50	230-1-50
E.E.R	—	2,75	2,75	2,75	2,75
C.O.P.	—	—	3,01	—	3,01
Energy efficiency class in cooling mode	—	A	A	A	A
Energy efficiency class in heating mode	—	—	A	—	A
Fan speed (internal/external)	—	3/3	3/3	3/3	3/3
Indoor air flow in cooling mode (max/med/min)	m <sup>3</sup> /h	360/430/490	360/430/490	360/430/490	360/430/490
Indoor air flow in heating mode (max/med/min)	m <sup>3</sup> /h	—	270/350/410	—	330/400/450
Outside air flow in cooling mode (max / min)	m <sup>3</sup> /h	520-350	520-350	520-350	500-340
Outside air flow in heating mode (max / min)	m <sup>3</sup> /h	—	520-350	—	500-340
Dimension ( W x H x D )	mm	902x516x229	902x516x229	902x516x229	902x516x229
Weight (without packing)	kg	40	40	40	40
Sound level	db (A) (min-max)	34-43	34-43	34-43	34-43
Diameter of holes in wall	mm	202	202	202	202
Refrigerant gas/load	Tipo/Kg	R410A/0,510	R410A/0,590	R410A/0,510	R410A/0,550
Maximum remote control (distance/angle)	m/°	8/80	8/80	8/80	8/80

### OPERATIONAL LIMITS

	Indoor temperature	Outdoor temperature
Operating temperature - max in cooling mode	DB 35°C - WB 24°C	DB 43°C - WB 32°C
Operating temperature - min in cooling mode	DB 18°C	DB -10°
Operating temperature - max in heating mode	DB 27°C	DB 24°C - WB 18°C
Operating temperature - min in heating mode	—	DB -15°

(1) The technical data are referred to EN 14511.

HP = heat pump

\* Unico can easily replace previously installed Unico Star and Unico Sky models as they have the same distance between air inlet and outlet and because it is designed to also enable installation with 162 mm holes.



Everything you need

### Unico Easy

Unico Easy is the floor air conditioner with no outdoor unit. It is fast and easy to install, practical and simple to use: Unico Easy is the simplest solution for complete air conditioning.



## Comfort above all

Unico Easy is the epitome of comfort and convenience: all functions can be activated easily thanks to the new generation remote control. Ergonomic grip and quick, easy operation, the controls can be used directly on the machine (thanks to the practical housing) or remotely, without leaving the comfort of your chair.



## Auto and Moon Functions

The perfect climate in all circumstances: the Auto function automatically defines maximum climate comfort according to the temperature and humidity in the room.

The Moon function adapts air conditioning function to the various metabolic phases that occur at night, thus guaranteeing your nightly repose.

## Elegant and discreet

Unico Easy is designed to be perfectly integrated in every type of furnishing: its soft curves, and round lines together with compact size make Unico easy a piece of furniture elegant but discreet.

## Ssshhh!

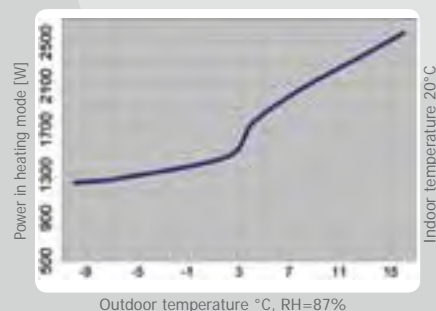
Seen but not heard: thanks to the use of a cross-flow fan, the latest generation sliding-vane compressor and high efficiency soundproofing, Unico Easy delivers truly quiet operation (just 38 db).

## Ecological

Unico Easy safeguards the environment from all points of view: the optimized "double-duct" technology ensures high performance and utmost efficiency. In fact, Unico Easy has a Class A rating and uses only environmentally-friendly R410A gas.

## Comfy warmth

Thanks to the heating Pump Unico Easy HP is not just cooling and dehumidifying. In the intermediate seasons it will be a truly complete climate control system. At low outside temperatures, Unico Easy HP guarantees very high efficiency in heating as you can see from the chart below.



		Unico Easy SF	Unico Easy HP
		Cod. 01056	Cod. 00981
Cooling capacity (1)	kW	2,05	2,0
Heating capacity (1)	kW	—	2,0
Input power in cooling mode (1)	W	775	763
Input power in heating mode (1)	W	—	710
Annual power consumption in cooling mode (1)	kWh	387,5	382
Dehumidification capacity	l/h	1,0	0,9
Voltage/Frequency	V-F-Hz	230-1-50	230-1-50
E.E.R	—	2,65	2,62
C.O.P.	—	—	2,81
Energy efficiency class in cooling mode	—	A	A
Energy efficiency class in heating mode	—	—	B
Fan speed (internal/external)	—	3/2	3/3
Indoor air flow in cooling mode (max/med/min)	m <sup>3</sup> /h	328-300-274	310-280-250
Indoor air flow in heating mode	m <sup>3</sup> /h	—	310-280-250
Outside air flow in cooling mode (max /min)	m <sup>3</sup> /h	429-258	430-350-260
Dimensions (W x H x D)	mm	693x666x276	693x666x276
Weight (without packing)	kg	39	39
Sound level	db (A) (min-max)	36-43	36-43
Diameter of holes in wall	mm	162	162
Refrigerant gas/load	Type/kg	R410A/0,550	R410A/0,51

### OPERATIONAL LIMITS

	Indoor temperature	Outdoor temperature
Operating temperature - max in cooling mode	DB 32°C - WB 23°C	DB 43°C - WB 32°C
Operating temperature - min in cooling mode	DB 18°C	DB 18°C - WB 16°C
Operating temperature - max in heating mode	DB 27°C	DB 24°C - WB 18°C
Operating temperature - min in heating mode	DB 16°C	DB -10°C - WB -11°C

(1) The technical data are referred to EN 14511.

HP = heat pump - HE = high efficiency (energy saving/high performance)



# index

# Monobloc

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**New!**

# oos

**New!**

Technical data	PIU' ECO 10	PIÙ 12	PIU' CUBE 13	ELLISSE HP	ISSIMO 9 HE	ISSIMO 11 HE
Cooling capacity in BTU/h	10.000	12.000	13.000	10.000	10.000	12.000
Cooling capacity in Kw	2,50	3,0	3,30	2,50	2,40	3,00
Heating capacity in kW	/	/	/	2,40	/	/
Energy efficiency class in cooling mode	A	A	A	A	A	A
Energy efficiency class in heating mode	/	/	/	A	/	/
<b>Features</b>						
Room thermostat	•	•	•	•	•	•
Fan speed	3	3	3	3	3	3
Condensed water recycling system	•	•	•	•	•	•
Manually adjustable louvers				•	•	•
AUTOFAN function	•	•	•	•	•	•
SMILE function	•	•	•	•	•	•
MOON function	•	•	•	•	•	•
Only fan function	•	•	•	•	•	•
Dehumidifying function	•	•	•	•	•	•
Electronic timer	•	•	•	•	•	•
On board electronic control system	•	•	•	•		
LCD IR remote control	•	•	•	•	•	•
Extractable LCD IR remote						
Air filters	•	•	•	•	•	•
Auto cord rewind						•
Castors	•	•	•	•	•	•



Environmentally – Friendly



Maximum efficiency  
Low consumption

# Comfort line

: Ellisse HP, Più range



**PIÙ** range



**ELLISSE HP**

## The new portable Comfort line range

The level of comfort is surprisingly high for a portable device thanks to the innovative air supply system and the brand new almost totally silent tangential fan. Numerous features ensure top performance in every phase and mode. All 4 Comfort Line models are smart, compact and Class A, that is to say of the highest efficiency, and respect the environment by using environment-friendly gas.

# Comfort line the new concept of portable comfort

During the development of those products, the goal we set ourselves was the creation of a portable that allowed a new sense of comfort. This translated into:

- **perfect distribution of the air throughout the interior**
- **utmost quietness, efficiency and compactness**

Attention was thus concentrated in the project on a distribution system that supplied a uniform supply of air which did not directly strike the occupants of the room. The result is an innovative system which, thanks to special design of the Archimedes screw, the fan, and the air outlet grill (Olimpia Splendid technology), allows an emission that is different with respect to traditional portable conditioners.

The cold air does not directly strike the occupants, but the jet reaches the upper areas of the room (2.7m) arriving at a height of over 4 metres, creating a more uniform ambient temperature.

## Design

The chromatic choice of colours makes Comfort line range a perfect match for the interiors of your home whilst its compactness and the refinement of its gentle lines underline the attention paid to the design and the details. Those present are enveloped in a gentle, fresh breeze which falls on them like a soothing rain of wellbeing, creating extraordinary comfort.

## Quietness and Efficiency

The aero-acoustic performance of Comfort line products, is unique thanks to a newly conceived tangential fan, which allows the movement of an increased quantity of air with minimum noise and minimum electrical consumption. The result is a unit that is extremely quiet and highly efficient, perfect for night use.

Comfort line products use highly efficient ecological coolant, and thanks to the use of a high-efficiency compressor and heat-exchangers optimised for the application, attains high performance, with class A efficiency.

## Using them is a real pleasure.

Easy to use, they follow the company philosophy of "User-Friendly" products. They have on-board electronics which are intuitive and comprehensive and permit the user to set the different functions available as well as the desired temperature.



Picture A



Picture B

Picture A

Air flow of a traditional portable air conditioner

Picture B

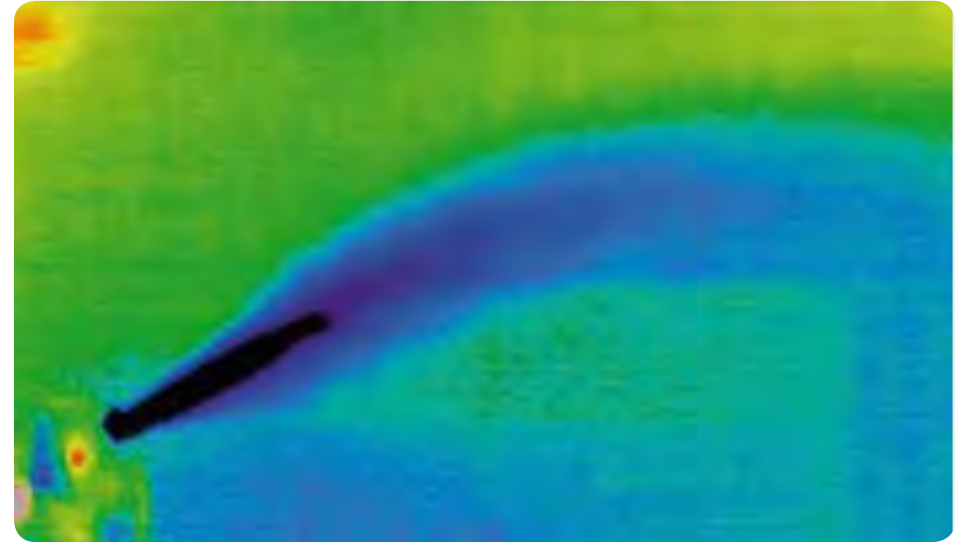
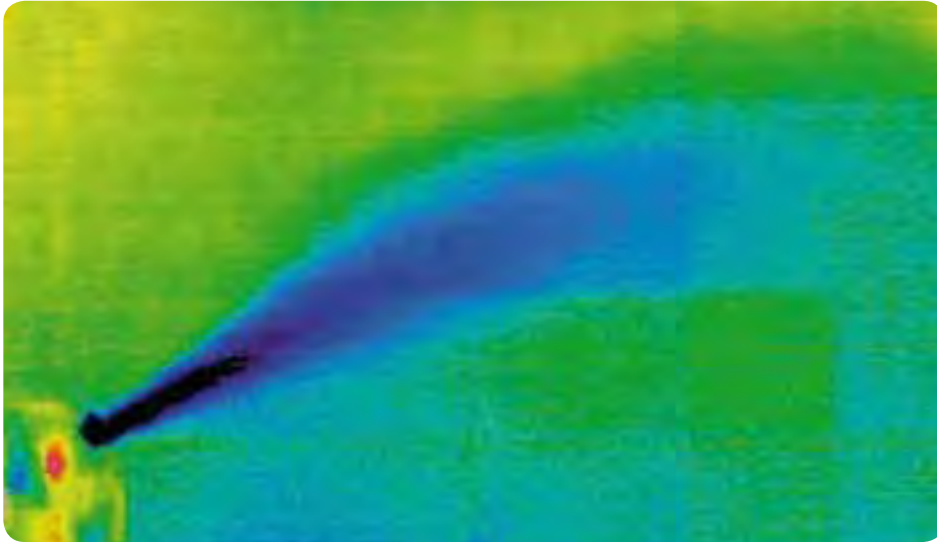
Air flow of portable air conditioner *Comfort line*

## Thermographs

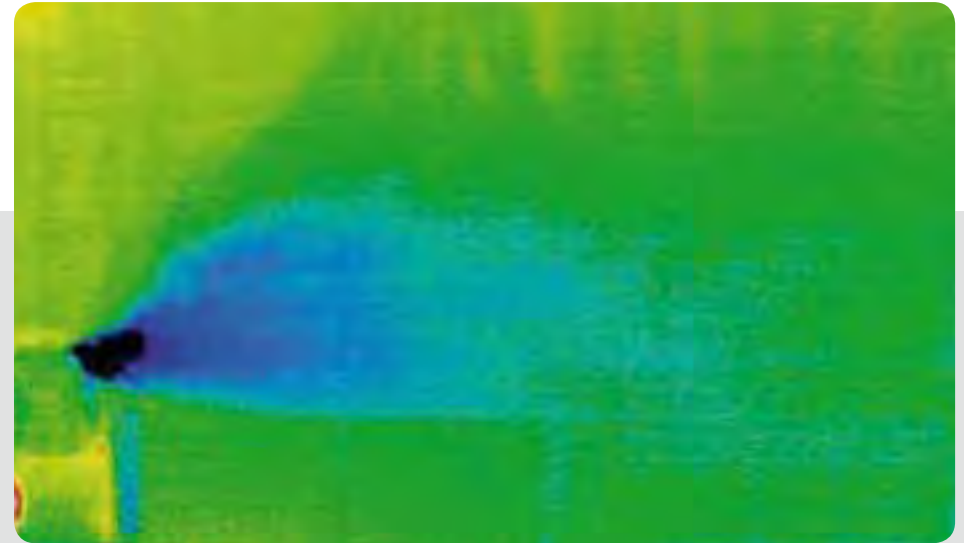
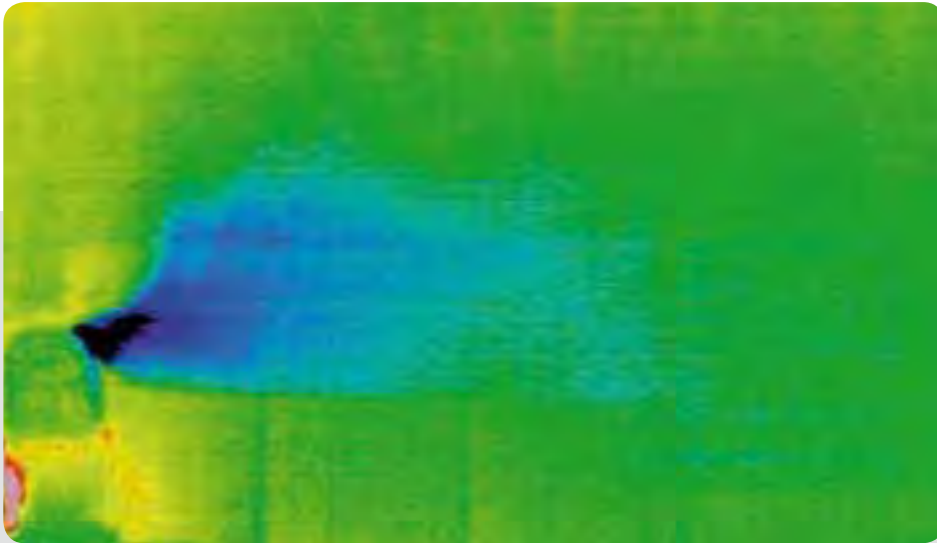
Minimum ventilation rate

Maximum ventilation rate

*Comfort line*



COMPETITOR



These thermographs represent the functioning of the Comfort line portables conditioner and one of its competitors tested in a room 3.5m long by 2.7m high. The test was carried out at the maximum and minimum ventilation rates of the machines, which in the various photos are positioned low down on the left. The blue marks represent the emission of cool air from the conditioners, and it can be observed that Comfort line portables produces a flow of cool air which fills the room homogeneously.



These easily understandable images show two different products being compared. The interiors were conditioned by Comfort line portables and another portable of a leading brand present on the market:

it can be observed how using Comfort line portables the interior is cooled uniformly, without the occupants being struck directly by the jet of cold air; while with the traditional portable only a limited area of the interior is affected by the cool air and in addition the jet of cold air directly strikes the occupant.

The design was done with the aid of the most modern fluid dynamics and thermodynamics simulation instruments, using a test chamber in which the temperature distribution in the air was mapped; this made it possible to test, compare and refine different technological solutions and to select the optimum for perfect air distribution within a room.



Comfort line

# Più <sup>eco</sup> 10



## Più ECO 10

The "little one" in the range.  
Minimal consumption for excellent cooling power: the incredibly high performance of this product positions it as the most efficient portable unit in its category.  
Designed by Dario Tanfoglio, this elegant unit will suit every kind of room decor.

Great efficiency, reduced consumption

Design: Dario Tanfoglio

## Functions

Più features all the desirable functions:

- 1- Ventilation to use the conditioner as a simple fan
- 2- Dehumidification to cool, with an emphasis on lowering the humidity of the surroundings
- 3- Cooling
- 4- Automatic mode which modulates the functioning of the conditioner according to where it is placed, and also regulates its power to bring it to a condition considered optimum in terms of ventilation, dehumidification and temperature
- 5- Timer which automatically switches on and off the machine.

## Design

A Dario Tanfoglio design for Più Eco.

Essential in its shape and colors: available in an elegant white.

## No tank

No tank, no water to remove. Our Comfort line portable units automatically and continuously discharge condensate in sprayed form to the outside; they do everything themselves, just switch the unit on, set it and forget about it.

## Remote Control

All of these functions together with the possibility of modifying the ventilation rate, and setting its automatic operation as well as setting the on/off timer, are easily activated from the practical remote.

All the options set are also easily visible on the LCD displays of both the machine and the remote.



## Più Eco 10

Cod. 01065

Maximum Cooling capacity (35°C/80% UR)	BTU/h	10000
Cooling capacity (1)	kW	2,5
Power absorption in cooling mode (1)	W	830
Yearly energy consumption in cooling mode (1)	kWh	415
E.E.R.	—	3,01
Energy Efficiency Class in cooling mode (1)	—	A
Power supply	V-F-Hz	230-1-50
Dehumidification capacity	l/h	1,0
Room air flow ( max/min )	m <sup>3</sup> /h	400/255
Fan speeds	—	3
Flexible pipe ( lenght x diameter )	mm	1500x120
Maximun remote control range ( distance / angle )	m/°	8/80
Dimensions ( W x H x D )	mm	460x760x395
Weight ( without packing )	Kg	29
Sound level	db(A) min-max	41-48
Refrigerant gas / charge	Tipo/Kg	R407C/0,44
Maximum operating pressure	MPa	2,60

### OPERATIONAL LIMITS

	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 35°C - WB 32°C	DB 43°C - WB 32°C
Minimum operating temperature in cooling mode	DB 16°C	DB 18°C - WB 16°C

(1) The technical data are referred to EN 14511.

# Più<sub>12</sub>

More silence, more comfort, more efficiency

## Più 12

Smaller size and innovative design.  
Silent and highly efficient in its A class, and  
environmentally friendly thanks to its R410A  
ecological gas.



Design: Dario Tanfoglio



## Functions

Più features all the desirable functions:

- 1- Ventilation to use the conditioner as a simple fan
- 2- Dehumidification to cool, with an emphasis on lowering the humidity of the surroundings
- 3- Cooling
- 4- Automatic mode which modulates the functioning of the conditioner according to where it is placed, and also regulates its power to bring it to a condition considered optimum in terms of ventilation, dehumidification and temperature
- 5- Timer which automatically switches on and off the machine.

## Design

A Dario Tanfoglio design for Più.

This model is characterized for elegant, neutral and shining colors, thanks to the emerald green of the central panel.

## No tank

No tank, no water to remove. Our Comfort line portable units automatically and continuously discharge condensate in sprayed form to the outside; they do everything themselves, just switch the unit on, set it and forget about it.

## Remote Control

All of these functions together with the possibility of modifying the ventilation rate, and setting its automatic operation as well as setting the on/off timer, are easily activated from the practical remote.

All the options set are also easily visible on the LCD displays of both the machine and the remote.



## Più 12

Cod. 01064

Maximum Cooling capacity (35°C/80% UR)	BTU/h	12000
Cooling capacity (1)	kW	3,0
Power absorption in cooling mode (1)	W	1000
Yearly energy consumption in cooling mode (1)	kWh	500
E.E.R.	—	3,00
Energy Efficiency Class in cooling mode (1)	—	A
Power supply	V-F-Hz	230-1-50
Dehumidification capacity	l/h	1,1
Room air flow ( max/min )	m <sup>3</sup> /h	400/255
Fan speeds	—	3
Flexible pipe ( lenght x diameter )	mm	1500x120
Maximun remote control range ( distance / angle )	m/°	8/80
Dimensions ( W x H x D )	mm	460x760x395
Weight ( without packing )	Kg	29
Sound level	db(A) min-max	41-48
Refrigerant gas / charge	Tipo/Kg	R410A/0,48
Maximum operating pressure	MPa	3,60

### OPERATIONAL LIMITS

	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 35°C - WB 32°C	DB 43°C - WB 32°C
Minimum operating temperature in cooling mode	DB 16°C	DB 18°C - WB 16°C

(1) The technical data are referred to EN 14511.

# Più CUBE 13

Power raised to the cube degree!

## Più CUBE 13

Top of the range: maximum power, great efficiency.

Qualities raised to the cube degree for a portable that can deliver up to 400 m<sup>3</sup>/h of fresh air.

Maximum comfort for large rooms.



## Functions

Più features all the desirable functions:

- 1- Ventilation to use the conditioner as a simple fan
- 2- Dehumidification to cool, with an emphasis on lowering the humidity of the surroundings
- 3- Cooling
- 4- Automatic mode which modulates the functioning of the conditioner according to where it is placed, and also regulates its power to bring it to a condition considered optimum in terms of ventilation, dehumidification and temperature
- 5- Timer which automatically switches on and off the machine.

## Design

A Dario Tanfoglio design Più Cube has a wonderful silver color casing that enriched the essential shape giving to it a touch of refinement and value.

## No tank

No tank, no water to remove. Our Comfort line portable units automatically and continuously discharge condensate in sprayed form to the outside; they do everything themselves, just switch the unit on, set it and forget about it.

## Remote Control

All of these functions together with the possibility of modifying the ventilation rate, and setting its automatic operation as well as setting the on/off timer, are easily activated from the practical remote.

All the options set are also easily visible on the LCD displays of both the machine and the remote.



## Più Cube 13

Cod. 01066

Maximum Cooling capacity (35°C/80% UR)	BTU/h	13000
Cooling capacity (1)	kW	3,3
Power absorption in cooling mode (1)	W	1100
Yearly energy consumption in cooling mode (1)	kWh	550
E.E.R.	—	3,00
Energy Efficiency Class in cooling mode (1)	—	A
Power supply	V-F-Hz	230-1-50
Dehumidification capacity	l/h	1,2
Room air flow ( max/min )	m <sup>3</sup> /h	400/255
Fan speeds	—	3
Flexible pipe ( lenght x diameter )	mm	1500x120
Maximun remote control range ( distance / angle )	m/°	8/80
Dimensions ( W x H x D )	mm	460x760x395
Weight ( without packing )	Kg	30
Sound level	db(A) min-max	41-48
Refrigerant gas / charge	Tipo/Kg	R410A/0,48
Maximum operating pressure	MPa	3,60

OPERATIONAL LIMITS	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 35°C - WB 32°C	DB 43°C - WB 32°C
Minimum operating temperature in cooling mode	DB 16°C	DB 18°C - WB 16°C

(1) The technical data are referred to EN 14511.



Warmth and cool that you can carry around

### AA energy efficiency performance

Ellisse HP is the Olimpia Splendid air conditioner that you can use all year round. It cools pleasantly and efficiently in the summer and, thanks to its heat pump, is an effective addition to traditional heating systems during in-between seasons.

## Double function: heating and cooling

Ellisse HP can heat your home during in-between seasons and cool it in the summer. A flexible, compact product that can meet all your needs.

The only portable single-tube unit by Olimpia Splendid with heat pump (HP) function.

With cycle inversion, Ellisse HP can generate as much as 2.4 kW in heating power.

## The quietest

The air-sound performance of Ellisse portable units is unique thanks to the new-concept tangential fan, which is designed to move a large quantity of air with minimum noise and minimum power consumption: the result is an extremely quiet and highly efficient unit that is perfect for use during sleeping hours.

## No tank

No tank, no water to remove. Our Comfort line portable units automatically and continuously discharge condensate in sprayed form to the outside; they do everything themselves, just switch the unit on, set it and forget about it.



All the settings can be easily made directly from the control panel on the units or using the user-friendly remote control.

Thanks to the LCD display it will be easy to view all the options selected.



Adjustable flaps to direct the air flow where needed.



Remote pocket control: Ellisse has been designed with a convenient pocket where the multifunction remote control can be replaced.

Note: in heating mode, the condensate tray must be emptied periodically as shown in the operation and maintenance manual; the tray must also be emptied every time the full tray alarm is triggered.

**Cod. 01174**

Cooling capacity (35°C/80% UR)	BTU/h	10.000
Cooling capacity (1)	kW	2,5
Heating capacity (1)	kW	2,4
Power absorption in cooling mode (1)	W	880
Power absorption in heating mode (1)	W	750
Annual energy consumption in cooling mode (1)	kWh	440
E.E.R.	—	2,84
C.O.P.	—	3,20
Energy efficiency class in cooling mode	—	A
Energy efficiency class in heating mode	—	A
Power supply	V-F-Hz	230-1-50
Dehumidification capacity	l/h	1,0
Room air flow (max/min)	m <sup>3</sup> /h	400/255
Fan speed	—	3
Flexible pipe (length x diameter)	mm	1.500x120
Maximum remote control (distance/angle)	m/°	8/80
Dimension ( W x H x D )	mm	460x767x395
Weight (without packing)	Kg	29
Sound level	db(A) min-max	41-48
Protection level	—	IP10
Refrigerant gas/load	Tipo/Kg	R410A/0,48
Maximum operating pressure	MPa	3,60
Power cable (n° pole x section mmq)	—	3x1,5
Fuse	—	10AT

### OPERATIONAL LIMITS

	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 35°C - WB 22°C	DB 43°C - WB 32°C
Minimum operating temperature in cooling mode	DB 16°C	DB 18°C - WB 16°C
Maximum operating temperature in heating mode	DB 27°C - WB 19°C	DB 27°C - WB 19°C
Minimum operating temperature in heating mode	DB 7°C	DB 7°C

(1) The technical data are referred to EN 14511.





### Portable, above all

Issimo revolutionizes the theory and practicality of portable air conditioning. It is small and compact but has the power of a giant. The undisputed beauty of the King & Miranda design in sky blue and absolute portability ensured by the large wheels, low centre of gravity and convenient rear handle. Silence by day, but above all by night to induce sleep. The class A rating ensures utmost efficiency with minimum consumption.

Very small, very powerful, very stylish:  
only assets, no defects.

## Put it on a leash!

Isssimo has a practical, extractable strap, nearly a leash: moving it around is as easy as pulling a medium-sized suitcase. It will follow you anywhere, from room to room, from house to house. Small as it is, when you don't need it, it can be stowed away wherever, no problem.



## Power and intelligence

The extraordinary portability comes with extraordinary intelligence and power. The intelligence comes mainly from the advanced electronics and, at the same time, each and every function is so easy to use. Obtaining the right climate takes just a few minutes.

## Remote control with timer

Fit with an easy-to-read display, access to the main functions is easy and intuitive. Setting the timer for hourly programming is just as easy.



Adjustable flaps to direct the air flow where needed.



Practical rubber coated wheels to make transport easier and even to respect the most delicate floor surfaces.

## Moon Function

From the remote control it is also possible to activate the Moon function, which adapts the air conditioner to the various metabolic phases that occur at night. Together with silent operation, this is another aspect that guarantees better sleep and better waking.



## No tank

No tank, no water to remove. Isssimo automatically discharges the condensation in the form of a mist, continuously venting it to the outside. Isssimo does everything itself. Just turn it on, set it and then forget it.

### Isssimo 9 HE

Cod. 00874

Cooling capacity (35°C/80% UR)	BTU/h	10.000
Cooling capacity (1)	kW	2,40
Absorbed power in cooling mode (1)	W	900
Annual energy consumption in cooling mode (1)	kWh	450
E.E.R.	—	2,66
Energy efficiency class in cooling mode (1)	—	A
Power supply	V-F-Hz	230 - 1 - 50
Dehumidification capacity	l/h	1,0
Room air flow (max)	m³/h	200
Ventilation speed	—	3
Flexible pipe (length x diameter)	mm	1500x120
Maximum remote control (distance/angle)	—	8/80°
Dimension (W x H x D)	mm	520 x 485 x 550
Weight (without packing)	Kg	36
Sound level	db(A) min - max	39 - 43
Refrigerant gas/load	Type/Kg	R410A/0,45
Maximum operating pressure	MPa	5,20

#### OPERATIONAL LIMITS

	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 35°C - WB 24°C	DB 43°C - WB 32°C
Minimum operating temperature in cooling mode	DB 18°C	DB 18°C - WB 16°C

(1) The technical data are referred to EN 14511.

So much in such a small space

### Superior

As small as it is, Issimo 11 has the power of a giant. And yet this power is so silent, both day and night while you sleep. The only thing you perceive is the delicate coolness. Powerful great well being.



Design: King & Miranda

## Exceptional personality

It takes just one look to size it up: a portable unit that is truly out of the ordinary, an authentic accent piece that adds a touch of class to any room. Its character and personality in that strong blue will not go unobserved. A surprising design with unmistakable lines. Different from all the others.

## Very powerful

Class A and 12.000 BTU/h in a very compact size and above all very quiet operation. Low emissions and high efficiency contribute together with R410A gas to an environment friendly air conditioner!



## Remote control

Wide display will show you your chosen options and running function as well as temperature and fan speed. You will also be able to set a timer to turn on/off your Issimo.



Adjustable flaps to direct the air flow where needed.



Practical rubber coated wheels to make transport easier and even to respect the most delicate floor surfaces.

## Auto cord rewind

Issimo 11 is equipped with a very handy auto cord rewind to ease operations for the user.

## Take it by the leash!

Take it by the leash!

Issimo features a practical, extractable ribbon, almost a leash: moving it around is as easy as pulling a medium-sized trolley. And it can follow you anywhere, from room to room and from house to house. When it is not needed, small as it is, you can put it away where it is handiest for you, without any problem.



## Functions

Functionality and power at user's hand with the friendly remote control that can set all Issimo functions such as: Smile that determines automatically ideal temperature and fan speed. Moon that makes the air conditioner very quiet to allow a pleasant sleep. The perfect balance between power and quiet.

### Issimo 11HE

Cod. 00787

Cooling capacity (35°C/80% UR)	BTU	12.000
Cooling capacity (1)	kW	3,00
Absorbed power in cooling mode (1)	W	1.034
Annual energy consumption in cooling mode (1)	kWh	517
E.E.R.	—	2,90
Energy efficiency class in cooling mode (1)	—	A
Power supply	V-F-Hz	230-1-50
Dehumidification capacity	l/h	1,2
Room air flow (max)	m³/h	200
Ventilation speed	—	3
Flexible pipe (length x diameter)	mm	1.500 x 120
Maximum remote control range (distance/angle)	m/°	8/80°
Dimension (W x H x D)	mm	520 x 485 x 550
Weight (without packing)	kg	36
Sound level	db (A) (min-max)	39-43
Refrigerant gas/load	Type/Kg	R410A / 0,45
Maximum operating pressure	MPa	5,20

#### OPERATIONAL LIMITS

	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 35°C - WB 24°C	DB 43°C - WB 32°C
Minimum operating temperature in cooling mode	DB 18°C	DB 18°C - WB 16°C

(1) The technical data are referred to EN 14511.

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# Portable Split

- 41** Portable Split
- 42** Tutto Split
- 44** Clima 16 HP HE





## Technical data

	TUTTO SPLIT QC	CLIMA 16 HP HE
Cooling capacity in kW	kW 3,00	kW 4,63
Heating capacity in kW	/	kW 4,82
Energy efficiency class in cooling mode	A	A
Energy efficiency class in heating mode	/	C
<b>Features</b>		
Heating pump		•
Room Thermostat	•	•
Fan speed (in/out)	3/2	3/2
AUTOFAN function	•	
AUTO function	•	•
MOON function	•	•
Only fan function	•	•
Dehumidifying function	•	•
Electronic timer	•	•
On board electronic control system	•	•
LCD IR remote control	•	
IR Remote control		•
Extractable LCD IR remote	•	
Air filters	•	•
Quick connector	•	•
Adjustable lowers	•	•



Environmentally – Friendly



Maximum efficiency  
Low consumption



All the advantages of a portable and fixed unit

### Class A efficiency

Tutto Split maintains the same features of the monobloc version but having an outdoor unit further increases its performance: power, silence, yield, rapid cooling to the desired temperature, low power consumption. A class A unit that is even more efficient.

Design: Dario Tanfoglio

## Quick Connector

Outdoor unit can be disconnected from the indoor unit quite easily. This lets you position the outdoor unit wherever you want, outside a window, on a balcony, and it even permits permanent installation.

## Multifunction remote control

Remote control is positioned on the machine. Just pull it out to set and control your portable unit from a distance. When in place on the machine, it becomes a digital display showing the exact temperature and the other functions.

## Timer

It makes it possible to turn the portable unit on and off at the set time, so you can come home to a cool house or turn off the cooling action at night.

## Direct the grille where you want

For the best possible distribution of the air in the room, meeting all of your desires.

## At night with remote control

Night Wellness function can be activated and set remotely using the remote control. Perhaps from the bedside before falling asleep.



### Tutto Split QC

**Cod. 00883**

Cooling capacity (1)	kW	3,00
Power absorption in cooling mode (1)	W	935
Yearly energy consumption in cooling mode (1)	kWh	467,5
Dehumidification capacity	l/h	1,25
Power supply	V-F-Hz	220/240 - 1 - 50
E.E.R.	—	3,21
Energy efficiency class in cooling mode (1)	—	A
<b>Indoor unit</b>		
Air flow in cooling mode (max/med/min)	m <sup>3</sup> /h	435 / 375 / 320
Dimensions (W x H x D)	mm	485x820x440
Sound level	db (A) min-max	38-50
Weight (without packaging)	Kg	34
<b>Outdoor unit</b>		
Dimensions (W x H x D)	mm	570 x 480 x 240
Sound level	db (A) min-max	48-58
Weight (without packing)	Kg	13
Fan speed (indoor unit/outdoor unit)	—	3 / 2
Flexible line	mm	3500
Refrigerant gas/load	Kind / Kg	R410A / 1,260
Power cable (n° pole x section mmq)	—	3 x 1,5
Maximum remote control range (distance/angle)	m/°	8/80
<b>OPERATIONAL LIMITS</b>		
	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 35°C - WB 24°C	DB 43°C - WB 32°C

(1) The technical data are referred to EN 14511.

# Clima 16 HP HE



## Cooling and heating

Clima 16 HP is very powerful, even in heating mode. Thanks to the heat pump, Clima 16 HP can take the place of a conventional heating system in the in-between seasons.

Maximum power, with ease

Design: King & Miranda



## Always powerful

- Sliding-vane compressor
- Function with heat pump (only in the HP model)
- Quick connector
- System to hook up the outdoor unit
- Electronic compressor protection device
- Adjustable grille
- Multifunctional electronics
- Remote control
- 24 h daily programmer
- Dehumidification function



Cooling capacity (1)	kW	4,63
Heating capacity (1)	kW	4,82
Absorbed power in cooling mode (1)	W	1440
Absorbed power in heating mode (1)	W	1500
Annual energy consumption in cooling mode (1)	kWh	720
Dehumidification capacity	l / h	1,8
Power supply	V - F - Hz	230-1-50
E.E.R.	—	3,21
C.O.P.	—	3,21
Energy efficiency class in cooling mode (1)	—	A
Energy efficiency class in heating mode (1)	—	C

### Indoor unit

Air flow rate	m3/h	550
Dimension ( W x H x D )	mm	475 x 900 x 410
Sound level	db (A) min-max	41-50
Weight (without pakaging)	kg	45

### Outdoor unit

Dimension (W x H x D)	mm	570 x 480 x 240
Sound level	db (A) min-max	48-58
Weight (without packing)	kg	13
Ventilation speed (inernal unit/external unit )	—	3/2
Flexible cable dimensions	mm	3500
Refrigerant gas/load	Kind/kg	R410A 1,080

### OPERATIONAL LIMITS

	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 35°C - WB 24°C	DB 43°C - WB 32°C
Maximum operating temperature in heating mode	DB 25°C	DB 20°C

(1) The technical data are referred to EN 14511.



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# Wall Split Inverter

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**New!**

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**New!**

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**New!**

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**New!**

# INVERTER

## The OS Inverter System technology

As compared to on-off systems, the Inverter reaches the desired temperature more quickly and then maintains it, without abrupt fluctuations. Nearly all Olimpia Splendid Inverter systems operate with direct current (DC). When compared to alternating current (AC), these units are quieter and consume less.

The Olimpia Splendid Inverter system technology thus guarantees maximum efficiency achieving maximum comfort silently and, at the same time, reducing the costs.



### Individual control for each room

In the Multisplit models, the OS Inverter System technology makes it possible to further reduce power consumption through flexible capacity. This ensures the ideal comfort for each room using a single outdoor unit and with reduced power consumption.

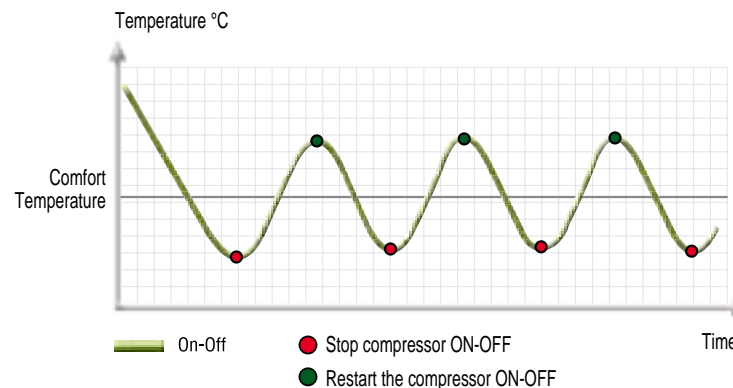
### Stable room temperature

Besides more quickly achieving the desired comfort condition, the Inverter technology delivers greater control over room temperature, keeping oscillations to the barest minimum in both cooling and heating mode.

### More variable capacity and lower consumption

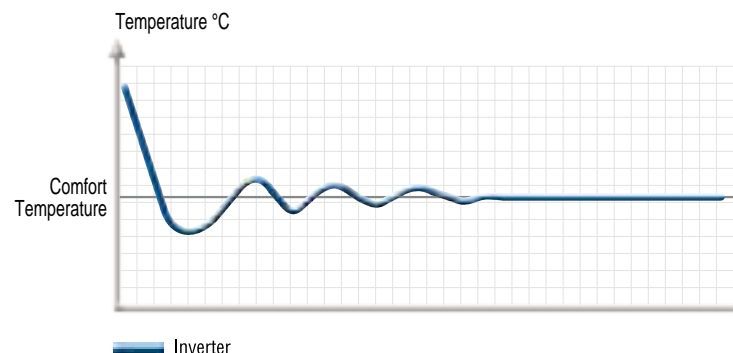
The Inverter technology regulates the capacity according to the indoor temperature and the comfort requirements for the room. This can reduce consumption by as much as 30% while increasing capacity as much as 30% over normal values for short periods of time.

## ON-OFF Function



In these units, the compressor works at a single speed. The temperature falls and rises significantly as the compressor stops and then restarts again. Such function is noisy and less comfortable.

## INVERTER Function



The main characteristic of the Olimpia Splendid Inverters is that they can constantly change the compressor speed to meet the demands of the room where the unit is installed. In cooling mode, as soon as the unit turns on, the compressor starts up at maximum speed so that it can reach a comfortable temperature quickly. At this point the compressor slows down, reaching the optimal rotation rate for the temperature setpoint. This means that Inverter-type air conditioners maintain the room temperature steady, with practically imperceptible oscillations, thus ensuring utmost comfort and extremely silent operation.

Technical data	MIMETICO INVERTER DC 10	MIMETICO INVERTER DC 12	New! CHARME INVERTER DC 10 HP	New! CHARME INVERTER DC 12,5 HP	New! BIG INVERTER DC 18	New! BIG INVERTER DC 24
Cooling capacity	kW 2,6	kW 3,2	kW 2,85	kW 3,35	kW 4,9	kW 6,9
Heating capacity	kW 2,7	kW 3,8	kW 3,0	kW 3,6	kW 4,9	kW 7,5
Energy efficiency class in cooling mode	A	A	A	A	A	A
Energy efficiency class in heating mode	A	A	A	A	A	A
Features						
Room thermostat	•	•	•	•	•	•
Fan speed (in/out)	3/1	3/1	3/1	3/1	3/1	3/1
Inverter Technology	DC	DC	DC	DC	DC	DC
AUTOFAN function	•	•	•	•	•	•
AUTO function	•	•	•	•	•	•
MOON function	•	•	•	•	•	•
TURBO function	•	•	•	•	•	•
On board LED control panel			•	•		
Only fan function	•	•	•	•	•	•
Only dehumifying function	•	•	•	•	•	•
Electronic timer	•	•	•	•	•	•
On board control	•	•	•	•	•	•
LCD IR remote control	•	•	•	•	•	•
Air filters	•	•	•	•	•	•
Electrostatic and activated carbon filters	•	•	•	•	•	•



Environmentally – Friendly







And the class A rating is synonymous with efficiency and low energy consumption.

# Big Inverter Commercial

Technical data	DUCT DC 18 HP	DUCT DC 24 HP	New! CASSETTE DC 18 HP	New! CASSETTE DC 24 HP	FLOOR DC 18 HP	FLOOR DC 24 HP
Cooling capacity	kW 4,98	kW 6,16	kW 4,98	kW 6,16	kW 4,98	kW 6,16
Heating Capacity	kW 5,28	kW 7,03	kW 5,28	kW 7,03	kW 5,28	kW 7,03
Energy efficiency class in cooling mode	A	A	A	A	A	A
Energy efficiency class in heating mode	A	A	A	A	A	A
Features						
Room thermostat	•	•	•	•	•	•
Fan speed (in/out)	3/1	3/1	3/1	3/1	3/1	3/1
Inverter Technology	DC	DC	DC	DC	DC	DC
AUTOFAN function	•	•	•	•	•	•
AUTO function	•	•	•	•	•	•
SLEEP function			•	•	•	•
TURBO function			•	•	•	•
On board LED control panel	•	•	•	•	•	•
Only fan function	•	•	•	•	•	•
ONLY Dehumidifying function	•	•	•	•	•	•
Electronic timer	•	•				
Wall control	•	•				
LCD IR remote control			•	•	•	•
Ducted	Optional	Optional	•	•	•	•
Air filters	•	•	•	•		
Under ceiling installation					•	•
Floor or ceiling installation					•	•

# MultiFlexi Inverter

## Technical data

	 MULTIFLEXI INVERTER DC DUAL 21 HP	 MULTIFLEXI INVERTER DC TRIAL 26 HP HE	 MULTIFLEXI INVERTER DC QUADRI 28 HP HE	 MULTIFLEXI INVERTER DC QUADRI 36 HP HE
Max Nom Cooling capacity	5 kW	7,30 kW	7,80 kW	10,6 kW
Max Nom Heating Capacity	6 kW	8 kW	8,70 kW	12,4 kW
Energy efficiency class in cooling mode	A	A	A	A
Energy efficiency class in heating mode	A	A	A	A

## Indoor units features

	DUCT 9	DUCT 12	CASSETTE 12	WALL SPLIT 9	WALL SPLIT 12
Room thermostat	•	•	•	•	•
Fan speed in/out	3/1	3/1	3/1	3/1	3/1
Inverter Technology	DC	DC	AC	AC	AC
AUTOFAN function	•	•	•	•	•
AUTO function	•	•	•	•	•
SLEEP function			•	•	•
TURBO function				•	•
On board LED control panel			•		
Only fan function	•	•	•	•	•
Only dehumidifying function	•	•	•	•	•
Electronic timer	•	•	•	•	•
On board control	•	•			
LCD IR remote control			•	•	•
Ducted	•	•			
Air filters	•	•	•	•	•
Under ceiling installation	•	•	•		
Floor or ceiling installation				•	•





# Mimetic

The "invisible" outdoor unit

PATENT PENDING  
ITBS2006A000045  
EP07713465.8

Visible

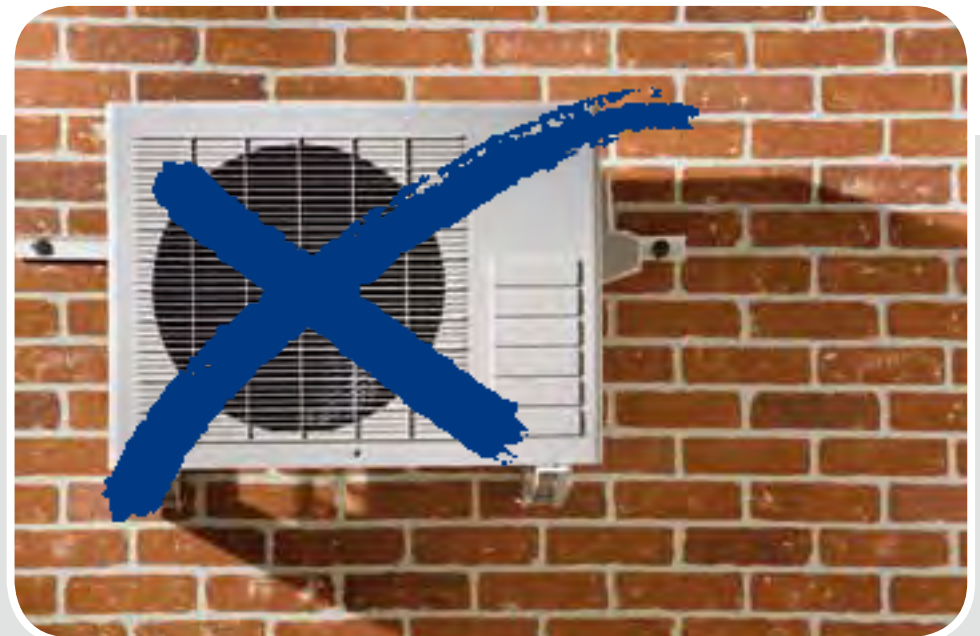


"Invisible"





Mimetico: the "invisible" Outdoor Unit



## Mimetico: the “Invisible” Outdoor Unit

Olimpia Splendid could not miss the opportunity of having its own inverter product, which differed from those offered by the market.

And so it studied, interpreted, and came up with Mimetico, thus adding to its technology, innovation, and capacity to interpret new needs.

The new DC Olimpia Splendid exterior inverter unit, revolutionises the concept of the exterior unit. From now on we no longer have to choose an exterior unit purely for its functionality.

Like other innovative products from Olimpia Splendid, Mimetico too has been created with the goal of improving the aesthetics of our homes and minimising visual pollution.

## Morphology

Mimetico features new morphology.

The development of an innovative ventilating group and the adoption of high-efficiency, V-shaped heatexchangers, have allowed us to realise an architectural unit which is totally different from the traditional unit, with an aesthetic that makes it unique and superior.

It is free from the unaesthetic front grill with the fan in full view of the usual exterior unit, but on the contrary has a closed front panel which makes the surface totally customisable and therefore camouflageable.

The front panel of Mimetico can simply be painted with the colour of the wall it is mounted on (without the use of unaesthetic brackets) making it practically invisible. Or it is possible to stick various materials onto it (glass, wood, stone, etc.).

The super-clean design, like so many of the products from OS, is by the architects King & Miranda.

## Installation

One of the innovations of Mimetico is the fact that it passes the air vertically; i.e. it takes in air at the bottom and expels it from the top, thus differing from normal exterior units where the air is aspired from behind and expelled from the front grill. This allows Mimetico to be installed by hanging it directly on the wall exactly like a picture, without the use of cumbersome and unaesthetic brackets, and without the necessity of spacing it from the wall; producing decidedly less bulk and a zero visual impact (the accessories necessary for wall-fixing and positioning on the ground are included in the packaging).

Mimetico can also be rested directly on the floor thanks to its practical feet, or even installed under a window, thanks to its 45° air outlet. In terrace installations, this solves the traditional problem of excluding the use of the area in front of an exterior unit (both because of the necessity to avoid obstruction, and because the hot air expelled made the presence of plants and flowers impossible); with Mimetico, the air is expelled upwards and so permits maximum freedom of use of the surrounding space.

In floor installations, thanks to the rear panel Kit (B0517), Mimetico can be positioned at a distance from the wall to maintain its pleasurable aesthetic.

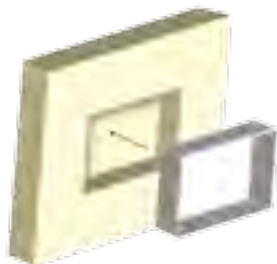
Mimetico has also been designed to avoid problems in the event of direct rain.



Vertical, 45° air outlet.  
DC Inverter technology  
Available in two power ratings

## Built-in Installation

Mimetico is ideal for installation in niches or skylight wells and there is also a kit for built-in installation. (Code B0519)



Insert the formwork into the niche in the wall, and fix it to the wall with screw anchors.



Prepare the machine to be inserted into a formwork. The machine must be resting on its feet and be positioned on the left-hand side.



After making the connections, mount the front onto the formwork.





## Mimetico

The Outdoor unit which becomes perfectly camouflaged respecting the aesthetic of your home.



## Mimetico

The elegantly aesthetic indoor unit which integrates harmoniously with any kind of surroundings.



## Mimetico Inverter

The indoor unit which accompanies Mimetico.

Also designed by King & Miranda, it is elegantly aesthetic, with great attention to detail, and is coherent with any kind of surroundings; decorating without being noticed.

Thanks to its clean, essential, but refined lines, it integrates harmoniously with its surroundings.

## Ecology and Saving

Thanks to a careful selection of components and the optimisation of the refrigerator circuits, the air conditioners of the Mimetico line are all in class A, a guarantee of maximum efficiency and energy saving.

Furthermore, they use the coolant gas R410A, with zero effect on the ozone layer.

## Functions

The functions are many, from the System I Feel, which, thanks to the presence of two temperature sensors, one on the exterior unit and one on the machine's remote, perfectly controls the air flow issuing into the surroundings and also the temperature itself.

This system, linked to DC Inverter technology, exponentially increases the comfort offered, in terms of quietness, supply, and enjoyment of the set temperature.

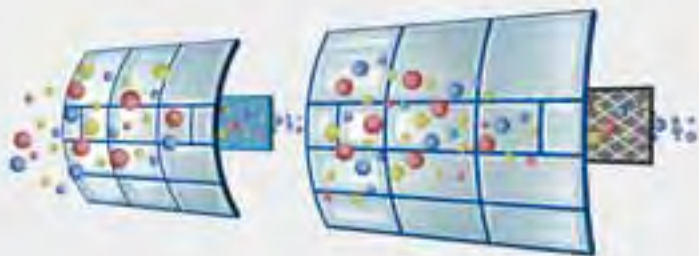
The compressor modulates its own speed so as to guarantee a constant temperature, simultaneously optimising energy consumption and noise.

The AUTO function which automatically sets the parameters of temperature and humidity on the basis of those registered in the surroundings, and the MOON button, a function which modifies the functioning of the machine following the metabolic phases of sleep, are key functions of the Inverter Mimetico.



## New generation remote control

The new generation remote control is characterized by ergonomic shape and user friendly functions. Thanks to the wide digital display and the logic of system control the access to the main functions is pleasantly swift and intuitive.



## Clean Air

Another aspect considered fundamental is air purification, which takes place thanks to three levels of filtering.

This triple filtering means that the air emitted into the surroundings is at the desired temperature with the correct percentage of humidity, and is above all, clean. Before being emitted into the surroundings, the air must pass through an anti-mould filter, an activated carbon filter and finally an anti-odour filter.

		Mimetico Inverter DC 10 HP	Mimetico Inverter DC 12 HP
		Cod. OS-CSEEDH10EI	Cod. OS-CSEEDH12EI
Cooling capacity (1) (min-med-max)	kW	1,5 / 2,6 / 3,2	1,9 / 3,2 / 3,7
Heating capacity (1) (min-med-max)	kW	1,3 / 2,7 / 3,4	1,7 / 3,8 / 4,7
Power absorption in cooling mode (1)	W	765	970
Power absorption in heating mode (1)	W	730	1000
Nominal absorption in cooling mode (1)	A	3,50	4,44
Nominal absorption in heating mode (1)	A	3,34	4,57
Yearly energy consumption in cooling mode (1)	kWh	383	485
Dehumidification capacity	l/h	1,0	1,2
Power supply	V - F - Hz	220/240 - 1 - 50	220/240 - 1 - 50
Maximum operating pressure	MPa	4,15	4,15
E.E.R.	—	3,40	3,30
C.O.P.	—	3,70	3,80
Energy Efficiency Class in cooling mode	—	A	A
Energy Efficiency class in heating mode	—	A	A
<b>Indoor unit</b>			
Air flow in cooling mode (max/med/min)	m³/h	450 / 400 / 340	620 / 530 / 460
Air flow in heating mode (max/med/min)	m³/h	450 / 400 / 340	620 / 530 / 460
Dimensions (W x H x D)	mm	760x253x190	935x253x190
Sound level	db(A) min - max	28 - 37	30 - 38
Weight (without packing)	Kg	8,0	11,0
<b>Outdoor unit</b>			
Dimensions (W x H x D)	mm	946x597x266	946x597x266
Air flow (max)	m³/h	950	950
Sound level	db(A)	46	47
Weight (without packing)	Kg	36	37
Fan speeds (indoor unit / outdoor unit)	-	3 / 1	3 / 1
Ø Connecting pipe (liquid)	inch - mm	1 / 4" / 6,35	1 / 4" / 6,35
Ø Connecting pipe (gas)	inch - mm	3 / 8" / 9,52	1 / 2" / 12,7
Max connecting length	m	15	15
Max height difference	m	8	8
Refrigerant gas/load	Kind/kg	R410/0.88	R410/1.05
Additional gas (over 5 mt lenght)	g/m	30	30
<b>OPERATING TEMPERATURES</b>		Indoor temperature	Outdoor temperature
Maximum temp. cooling mode		DB 32°C - WB 24°C	DB 43°C
Minimum temp. cooling mode		DB 17°C	DB 15°C
Maximum temp. heating mode		DB 27°C	DB 24°C - WB 18°C
Minimum temp. heating mode		DB 17°C	DB -15°C

(1) The technical data are referred to EN 14511.

HP = heat pump - HE = high efficiency (energy saving / high performance)



## Charme Inverter



Simply elegant



The simplicity of inverter units  
with AA efficiency.

Charme, the air conditioner with inverter technology with AA efficiency that cools, heats and dehumidifies to give you the comfort you have always desired.

Its design and the smart, pearly finish of the electronic panel make this a simple yet sophisticated product that will blend well with any room decor.

## Dry function

This mode optimizes the air conditioning operation and fan speed in order to absorb humidity.

## Sleep function

The temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours. Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.

## Turbo function

Activates maximum fan speed to reach the desired temperature as quickly as possible.

## Electrostatic filter and activated carbon filter

The electrostatic filter controls, and eliminates, minute particles and emissions such as smoke, dust and animal hairs, thus preventing allergies. The activated carbon filter eliminates foul odours and makes gases that could be harmful to human health harmless.

## Remote control

The compact infrared remote control, with its large LCD display, allows an easy control of all unit functions from a distance.

## Maximum quietness

Along with the large heat exchange surface, full control over compressor and fans makes the unit nearly totally silent.

## Automatic function

Once the desired temperature has been set on the remote control, this function regulates it and maintains it automatically.

## Timer

To set switch-on/switch-off time according to user's needs.



High intensity filters



**New!**  
**Charme Inverter**  
**DC 10 HP**

**New!**  
**Charme Inverter**  
**DC 12,5 HP**

		OS-C/SECDH10EI	OS-C/SECDH13EI
Cooling capacity (1) (min-med-max)	kW	0,7 - 2,85 - 3,4	0,7 - 3,35 - 3,9
Heating capacity (1) (min-med-max)	kW	0,8 - 3,0 - 4,1	0,8 - 3,6 - 4,7
Power absorption in cooling mode (1)	W	220 - 790 - 1.150	230 - 985 - 1.380
Power absorption in heating mode (1)	W	240 - 790 - 1.320	240 - 970 - 1.360
Nominal absorption in cooling mode (1)	A	1,0 - 3,6 - 5,2	1,0 - 4,5 - 6,2
Nominal absorption in heating mode (1)	A	1,1 - 3,6 - 6,0	1,1 - 4,4 - 6,1
Yearly energy consumption in cooling mode (1)	kWh	395,0	493
Dehumidification capacity	l/h	1,0	1,1
Power supply	V-F-Hz	230-1-50	230-1-50
Maximum operating pressure	MPa	4,2	4,2
E.E.R.	-	3,60	3,40
C.O.P.	-	3,80	3,71
Energy Efficiency Class in cooling mode	-	A	A
Energy Efficiency class in heating mode	-	A	A
<b>Indoor unit</b>			
Air flow in cooling mode (min/med/max)	m³/h	360/430/520	370/440/530
Air flow in heating mode (min/med/max)	m³/h	370/440/550	380/450/560
Dimensions (W x H x D)	mm	750x250x190	750x250x190
Sound level	db(A)min-med-max	40-37-29	40-37-29
Weight (without packing)	Kg	9,0	9,0
<b>Outdoor unit</b>			
Dimensions (W x H x D)	mm	720x480x240	720x480x240
Air flow (max)	m³/h	1.900	1.900
Sound level	db(A)	52	52
Weight (without packing)	Kg	28,0	28,0
Fan speeds (indoor unit / outdoor unit)	-	3 / 1	3 / 1
Ø Connecting pipe (liquid)	inch - mm	1/4 - 6,35	1/4 - 6,35
Ø Connecting pipe (gas)	inch - mm	3/8 - 9,52	3/8 - 9,52
Max connecting length	m	15	15
Max height difference	m	7	7
Refrigerant gas/load	Tipo/kg	R410A/0,72	R410A/0,72
Additional gas (over 8 mt lenght)	g/m	25	25
Fuse	-	16A	16A

### OPERATING TEMPERATURES

	Indoor temperature	Outdoor temperature
Maximum temp. cooling mode	DB 32°C - WB 23°C	DB 43°C - WB 26°C
Minimum temp. cooling mode	DB 18°C - WB 14°C	DB 15°C
Maximum temp. heating mode	DB 27°C	DB 24°C - WB 18°C
Minimum temp. heating mode	-	DB -15°C

(1) The technical data are referred to EN 14511.

HP = heat pump - HE = high efficiency (energy saving / high performance)

# Big Inverter

## Great performance for large rooms

Comfort where needed

When climate control must cover a vast area, the Big Inverter comes on the scene. Efficient, extremely powerful. Big in name and in deed. Particularly suited to large living spaces, offices, business facilities.





## Functions

The practical remote control with its large display, lets you select, among other things, the following functions:

### Automatic

Once the desired temperature has been set on the remote control, this function regulates it and maintains it automatically.

### Turbo

Activates maximum fan speed to reach the desired temperature as quickly as possible.

### Sleep

The temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours.

Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.

### Dry

This mode optimizes the air conditioning operation and fan speed of the fan in order to absorb humidity.

### Ecological

Big Inverter use environmentally- Friendly R410A gas that has practically no impact on the ozone layer.

## Electrostatic filter and activated carbon filter

The electrostatic filter controls, and eliminates, minute particles and emissions such as smoke, dust, pollens and animal hairs, thus preventing allergies. The activated carbon filter eliminates foul odours and makes gases that could be harmful to human health harmless.



High intensity filters

### Maximum quietness

Along with the large heat exchange surface, full control over compressor and fans make the unit nearly totally silent.

### Remote control

The compact infrared remote control, with its large liquid crystal display, makes it easy to control all unit functions from a distance.

### Timer

To set switch-on/switch-off time according to user's needs.

**New!**  
**Big Inverter**  
**DC 18 HP N**

**New!**  
**Big Inverter**  
**DC 24 HP**

		OS-C/SEDNH18EI	OS-C/SEDH24EI
Cooling capacity (1)	kW (min-nom-max)	1,5 - 4,9 - 6,7	1,7 - 6,9 - 7,6
Heating capacity (1)	kW (min-nom-max)	1,5 - 4,9 - 6,4	1,6 - 7,5 - 8,0
Power absorption in cooling mode (1)	W (min-nom-max)	400 - 1.440 - 2.300	550 - 2.125 - 2.680
Power absorption in heating mode (1)	W (min-nom-max)	360 - 1.340 - 2.100	530 - 2.065 - 2.620
Nominal absorption in cooling mode (1)	A	1,8 - 6,4 - 10,3	2,5 - 9,5 - 11,9
Nominal absorption in heating mode (1)	A	1,6 - 6,0 - 9,3	2,4 - 9,2 - 11,7
Yearly energy consumption in cooling mode (1)	kWh	720	1.063
Dehumidification capacity	l/h	1,5	2,4
Power supply	V - F - Hz	230-1-50	230-1-50
Maximum operating pressure	MPa	4,2	4,2
E.E.R.	-	3,40	3,25
C.O.P.	-	3,65	3,63
Energy efficiency class in cooling mode	-	A	A
Energy efficiency class in heating mode	-	A	A

#### Indoor unit:

Air flow in cooling mode (max/med/min)	m³/h	600/750/800	900/980/1.050
Air flow in heating mode (max/med/min)	m³/h	600/750/800	900/980/1.050
Dimensions (W x H x D)	mm	920x292x225	1.080x330x225
Sound level	db(A) min - max	37-40-44	41-45-48
Weight (without packing)	Kg	11,5	15,5

#### Outdoor unit:

Dimensions (W x H x D)	mm	760x590x285	845x695x335
Air flow (max)	m³/h	2.000	1.620 - 2.360
Sound level	db(A)	56	58
Weight (without packing)	Kg	40,5	49,5

Fan speed (indoor unit/outdoor unit)	-	3 / 1	3 / 2
ø Connecting pipe (liquid)	inch - mm	1/4 - 6,35	3/8 - 9,52
ø Connecting pipe (gas)	inch - mm	1/2 - 12,7	5/8 - 15,87
Max connecting length	m	25	25
Max height difference	m	10	10
Refrigerant gas/load	Kind/kg	R410A/1,18	R410A/1,95
Additional gas (over 8 mt length)	g/m	20	40

OPERATING TEMPERATURES	Indoor temperature	Outdoor temperature
Maximum temp. cooling mode	DB 32°C - WB 24°C	DB 43°C - WB 26°C
Minimum temp. cooling mode	DB 17°C - WB 14°C	DB 15°C
Maximum temp. heating mode	DB 27°C	DB 15°C
Minimum temp. heating mode	DB 17°C	DB -15°C

(1) The technical data are referred to EN 14511.

HP = heat pump - HE = high efficiency (energy saving / high performance)







# MultiFlexi Inverter



## Flexibility

Multiflexi Inverter is Olimpia Splendid's solution for business and residential air conditioning available with five different cooling capacities. In fact, with a single unit, it is possible to efficiently, silently cool and heat several rooms, thus guaranteeing high energy savings and maximum comfort.

Different rooms, the same elegance

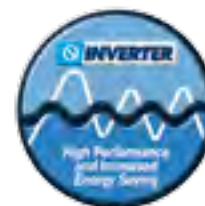
 <b>MultiFlexi Inverter DC Dual 21 HP</b>	 <b>MultiFlexi Inverter DC Trial 26 HP HE</b>	 <b>MultiFlexi Inverter DC Quadri 28 HP HE</b>	 <b>MultiFlexi Inverter DC Quadri 36 HP HE</b>
 + Maximum of 2 interior units chosen from   	 + Maximum of 3 interior units chosen from   	 + Maximum of 4 interior units chosen from   	 + Maximum of 4 interior units chosen from   

## Cools and heats rooms quickly

Multiflexi Inverter is Olimpia Splendid's solution for business and residential air conditioning available with five different cooling capacities. In fact, with a single unit, it is possible to efficiently, silently cool and heat several rooms, thus guaranteeing high energy savings and maximum comfort.

## Choice of the type of indoor unit

Besides serving several rooms with a single system, hooking up from two to four indoor units to the same outdoor unit, Multiflexi Inverter also lets you choose what indoor unit to set in the various rooms according to the space available and the position selected: the classic wall split model that is normally wall-mounted but which can also be ceiling-mounted, the Duct unit which comes in two versions, or the Four Way Cassette Compact.



## Functions

The practical remote control with its large display, lets you select, among other things, the following functions:

### a) Automatic

Once the desired temperature has been set on the remote control, this function regulates it and maintains it automatically.

### b) Turbo

Activates maximum fan speed to reach the desired temperature as quickly as possible.

### c) Dry

This mode optimizes the air conditioning operation and fan speed in order to absorb humidity.

### d) Sleep

The temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours. Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.



### Wall Split

OS-SEAMH09EI  
OS-SEAMH12EI



### Low Static Pressure Duct

OS-SECMH09EI  
OS-SECMH12EI



### Four-way Cassette Compact

OS-SESMH12EI

# MultiFlexi Inverter

New!

DC DUAL 21  
HP HE

New!

DC TRIAL 26  
HP HE

New!

DC QUADRI 28  
HP HE

New!

DC QUADRI 36  
HP HE

Power supply	V-F-Hz	220/240 - 1 - 50	220/240 - 1 - 50	220/240 - 1 - 50	220/240 - 1 - 50
Power supply (min/max)	V	198 / 253	198 / 253	198 / 253	198 / 253
Maximum operating pressure	MPa	4,20	4,20	4,20	4,20
Max connecting lenght	m	30	45	60	60
Tubing length difference between the indoor units (max)	m	12	12	12	20
Max height difference	m	10	10	10	10
Additional gas (over 8 mt lenght)	g/m	15	15	15	15

## WALL SPLIT

## CASSETTE

## DUCT

Indoor unit		OS-SEAMH09EI	OS-SEAMH12EI	OS-SESMH12EI	OS-SECMH09EI	OS-SECMH12EI
Dimensions (W x H x D)	mm	710x250x190	790x265x195	580x254x580	874x203x375	874x203x375
Air flow in cooling mode (max/min.)	m³/h	350/570	420/600	420/550	540/680	540/680
Air flow in heating mode (max/min.)	m³/h	350/570	420/600	420/550	540/680	540/680
Protection level	-	IP10	IP10	IP20	IP20	IP20
Fan speed	-	3	3	2	3	3
Ø Connecting pipe (liquid)	pollici-mm	1/4-6,35	1/4-6,35	1/4-6,35	1/4-6,35	1/4-6,35
Ø Connecting pipe (gas)	pollici-mm	3/8-9,53	1/2-12,7	1/2-12,7	3/8-9,53	1/2-12,7
Sound level	dB(A) (min - max)	31-37	34-40	33-36	30-33-36	33-35-38
Weight (without packing)	Kg	8,0	9,0	18,5	15,0	15,0

Outdoor unit		OS-CENMH21EI	OS-CEDMH26EI	OS-CEDMH28EI	OS-CEDMH36EI
Dimensions (W x H x D)	mm	845x695x335	845x695x335	895x860x330	990x966x340
Air flow (max)	m³/h	2.500	2.750	3.500	5.800
Protection level	-	IP24	IP24	IP24	IP24
Fan speed	-	1-760	1-780	1-780	2-760/620
Refrigerant gas/load	tipo/Kg	R410A/1,45	R410A/2,00	R410A/2,40	R410A/2,70
Maximum refrigerant gas charge allowed	Kg	1.750	2.450	3.000	3.300
Sound level	dB (A)	55	52-60	52-62	51-61
Weight (without packing)	Kg	54	57	78	86

## OPERATING TEMPERATURES

	Indoor temperature	Outdoor temperature
Maximum temp. cooling mode	DB 35°C - WB 22°C	DB 43°C - WB 26°C
Minimum temp. cooling mode	DB 17°C	DB 0°C
Maximum temp. heating mode	DB 30°C	DB 24°C
Minimum temp. heating mode	-	DB -15°C

## Modularity

Several indoor units can be connected to the outdoor unit, even at different times. This modularity lets you achieve a wide range of combinations each saves money at the time of purchase and reduces operating costs.



The picture is representative only of model DC DUAL 21 HP HE

(1) The technical data are referred to EN 14511.

**DC DUAL 21 HP HE**
**cooling**

	IU combinations	cooling capacity (kW)						power absorption (W)					yearly energy consumption	ABSORPTION			dehumidification capacity
		for each room (nominal in kW)			total (kW)			min	nom	max				MIN	NOM	MAX	
		room A	room B	room C	min	nom	max				EER	class	kWh				A
1 room	9	2,65	/	/	1,33	2,65	3,4	570	725	1120	3,65	A	362	2,6	3,2	5,2	1,1
	12	3,51	/	/	1,66	3,51	4,36	700	975	1430	3,6	A	488	3,1	4,3	6,6	1,3
2 rooms	9+9	2,3	2,3	/	2,18	4,6	5,61	650	1289	1840	3,57	A	644	2,9	5,7	8,5	1,7
	9+12	2,1	2,7	/	2,28	4,8	5,8	670	1355	1920	3,54	A	678	3	6	8,9	1,8
	12+12	2,5	2,5	/	2,3	5	5,9	670	1548	1950	3,23	A	774	3	6,9	9	2

**heating**

	IU combinations	heating capacity (kW)						power absorption (W)					ABSORPTION			dehumidification capacity
		for each room (nominal in kW)			total (kW)			min	nom	max			MIN	NOM	MAX	
		room A	room B	room C	min	nom	max				min	nom	max	EER	class	
1 room	9	3,26	/	/	1,54	3,26	3,79	550	880	1100	3,7	A	2,5	3,9	5,2	1,1
	12	4	/	/	1,93	4	4,85	700	1090	1430	3,67	A	3,1	4,8	6,6	1,3
2 rooms	9+9	2,55	2,55	/	2,56	5,1	6,18	670	1370	1840	3,73	A	3	6,1	8,5	1,7
	9+12	2,3	3,1	/	2,64	5,4	6,36	690	1490	1920	3,62	A	3,1	6,6	8,9	1,8
	12+12	3	3	/	2,67	6	6,45	700	1655	1950	3,62	A	3,2	7,4	9	2

**DC TRIAL 26 HP HE**
**cooling**

	IU combinations	cooling capacity (kW)						power absorption (W)					yearly energy consumption	ABSORPTION			dehumidification capacity
		for each room (nominal in kW)			total (kW)			min	nom	max				MIN	NOM	MAX	
		room A	room B	room C	min	nom	max										
2 rooms	9+9	2,6	2,6	/	2,27	5,2	6,53	680	1610	2170	3,23	A	805	3	7,1	9,9	2,2
	9+12	2,7	3,3	/	2,49	6	7,18	750	1850	2390	3,24	A	925	3,3	8,2	10,9	2,3
3 rooms	12+12	3,05	3,05	/	2,82	6,1	8,1	860	1870	2640	3,26	A	935	3,9	8,3	12,1	2,4
	9+9+9	2,2	2,2	2,2	3,28	6,6	8,4	960	2015	2820	3,28	A	1008	4,3	8,9	12,9	2,9
	9+9+12	2,15	2,15	2,9	3,4	7,2	8,9	990	2200	2950	3,27	A	1100	4,4	9,8	13,5	3,2
	9+12+12	2,1	2,6	2,6	3,42	7,3	9,1	1010	2015	3040	3,3	A	1105	4,5	9,8	14	3,2

**heating**

	IU combinations	heating capacity (kW)						power absorption (W)					ABSORPTION			dehumidification capacity
		for each room (nominal in kW)			total (kW)			min	nom	max			MIN	NOM	MAX	
		room A	room B	room C	min	nom	max				min	nom	max	EER	class	
2 rooms	9+9	3	3	/	2,52	6	7,26	690	1645	2210	3,65	A	3,1	7,3	10,1	2,2
	9+12	2,95	3,55	/	2,71	6,5	7,8	740	1780	2320	3,65	A	3,3	7,8	10,6	2,3
3 rooms	12+12	3,35	3,35	/	2,9	6,7	8,3	760	1825	2450	3,67	A	3,4	8,1	10,6	2,4
	9+9+9	2,6	2,6	2,6	3,68	7,8	9,5	970	2090	2790	3,73	A	4,3	9,3	12,8	2,9
	9+9+12	2,53	2,53	2,94	3,8	8	9,8	1000	2150	2870	3,72	A	4,5	9,5	13,1	3,2
	9+12+12	2,3	3	3	3,82	8	10,2	1000	2090	3020	3,74	A	4,5	9,5	13,9	3,2



**DC QUADRI 28 HP HE**
**cooling**

	IU combinations	cooling capacity (kW)							power absorption (W)					yearly energy consumption	ABSORPTION			dehumidification capacity
		for each room (nominal in kW)				total (kW)			min	nom	max				MIN	NOM	MAX	
		room A	room B	room C	room D	min	nom	max				EER	class	kWh				A
2 rooms	9+12	2,62	3,5	/	/	2,63	6,12	7,44	820	1895	2660	3,23	A	947	3,7	8,3	12,2	2,2
	12+12	3,38	3,38	/	/	3,07	6,76	8,62	950	2080	3090	3,25	A	1040	4,2	9,1	14,1	2,4
3 rooms	9+9+9	2,33	2,33	2,33	/	3,31	7	9,31	1000	2120	3280	3,3	A	1060	4,5	9,3	15	2,9
	9+9+12	2,3	2,3	2,7	/	3,41	7,2	9,51	1020	2200	3360	3,27	A	1100	4,6	9,7	15,4	3,1
	9+12+12	2,1	2,67	2,67	/	3,63	7,40	9,85	1120	2260	3550	3,28	A	1130	5	9,9	16,2	3,3
	12+12+12	2,53	2,53	2,53	/	3,72	7,6	10,07	1100	2340	3650	3,25	A	1170	4,9	10,3	16,7	3,3
4 rooms	9+9+9+9	1,9	1,9	1,9	1,9	3,7	7,6	10,25	1110	2300	3740	3,3	A	1150	4,9	10,1	17,2	4,1
	9+9+9+12	1,84	1,84	1,84	2,28	3,73	7,8	10,44	1110	2380	3790	3,28	A	1190	4,9	10,4	17,4	4,1

**heating**

	IU combinations	heating capacity (kW)							power absorption (W)					ABSORPTION			dehumidification capacity
		for each room (nominal in kW)				total (kW)			min	nom	max			MIN	NOM	MAX	
		room A	room B	room C	room D	min	nom	max						A			
		COP	class	A			lt/h										
2 rooms	9+12	3,11	3,65	/	/	2,88	6,76	8,17	800	1857	2580	3,64	A	3,6	8,2	11,8	2,2
	12+12	3,72	3,72	/	/	3	7,44	8,42	840	2038	2680	3,65	A	3,8	9	12,3	2,4
3 rooms	9+9+9	2,67	2,67	2,67	/	3,58	8	10,06	950	2140	3090	3,73	A	4,2	9,4	14,1	2,9
	9+9+12	2,6	2,6	3,1	/	3,72	8,3	10,44	990	2237	3230	3,71	A	4,5	9,8	14,8	3,1
	9+12+12	2,58	2,91	2,91	/	3,94	8,4	10,61	1040	2265	3310	3,71	A	4,6	9,9	15,1	3,3
	12+12+12	2,87	2,87	2,87	/	4,1	8,6	11,04	1080	2340	3470	3,68	A	4,9	10,3	15,9	3,3
4 rooms	9+9+9+9	2,12	2,12	2,12	2,12	4,07	8,5	11,22	1090	2265	3530	3,75	A	4,8	9,9	16,2	4,1
	9+9+9+12	2,09	2,09	2,09	2,44	4,13	8,7	11,4	1110	2326	3640	3,74	A	4,9	10,2	16,6	4,1

**DC QUADRI 36 HP HE**
**cooling**

	IU combinations	cooling capacity (kW)							power absorption (W)					yearly energy consumption	ABSORPTION			dehumidification capacity
		for each room (nominal in kW)				total (kW)			min	nom	max				MIN	NOM	MAX	
		room A	room B	room C	room D	min	nom	max			EER	class	kWh	A			lt/h	
2 rooms	9+12	2,9	3,9	/	/	2,39	6,8	7,27	850	2110	2540	3,22	A	1055	3,8	9,4	11,6	2,4
	12+12	3,9	3,9	/	/	2,57	7,80	8,10	900	2415	2830	3,23	A	1208	4,0	10,7	13	2,8
3 rooms	9+9+9	2,8	2,8	2,8	/	3,34	8,4	9,86	1160	2590	3390	3,24	A	1295	5,2	11,5	15,5	3
	9+9+12	2,8	2,8	3,8	/	3,34	9,4	9,86	1150	2900	3360	3,24	A	1450	5,2	12,9	15,4	3,4
	9+12+12	2,8	3,8	3,8	/	4	10,4	11,8	1360	3200	3920	3,25	A	1600	6	14,2	17,9	3,7
	12+12+12	3,5	3,5	3,5	/	4	10,5	11,8	1340	3220	3930	3,26	A	1610	6	14,3	18,1	3,8
4 rooms	9+9+9+9	2,6	2,6	2,6	2,6	4,31	10,4	12,81	1380	3190	4320	3,26	A	1595	6,2	14,2	19,8	3,7
	9+9+9+12	2,45	2,45	2,45	3,1	4,53	10,45	13,26	1510	3190	4390	3,28	A	1595	6,7	14,2	20	3,7
	12+12+12+12	2,65	2,65	2,65	2,65	4,72	10,6	13,82	1570	3210	4600	3,3	A	1605	7	14,2	21	3,8

**heating**

	IU combinations	heating capacity (kW)							power absorption (W)					ABSORPTION			dehumidification capacity	
		for each room (nominal in kW)				total (kW)			min	nom	max			COP	class	MIN		NOM
		room A	room B	room C	room D	min	nom	max				A				lt/h		
2 rooms	9+12	3,2	4,4	/	/	2,87	7,6	8,41	900	2095	2800	3,63	A	4	9,3	12,8	2,4	
	12+12	4,4	4,4	/	/	3,03	8,8	9,1	930	2425	2980	3,63	A	4,2	10,8	13,6	2,8	
3 rooms	9+9+9	3,1	3,1	3,1	/	3,63	9,3	10,64	1080	2555	3370	3,64	A	4,8	11,3	15,5	3	
	9+9+12	3,1	3,1	4,3	/	3,7	10,5	10,85	1090	2875	3400	3,65	A	4,9	12,8	15,6	3,4	
	9+12+12	3,1	4,3	4,3	/	4,56	11,7	13,35	1340	3205	4130	3,65	A	6	14,2	18,9	3,7	
	12+12+12	4,1	4,1	4,1	/	4,56	12,3	13,35	1350	3355	4230	3,67	A	6	14,9	19,4	3,8	
4 rooms	9+9+9+9	3	3	3	3	4,55	12	13,43	1350	3270	4130	3,67	A	6,1	14,5	19	3,7	
	9+9+9+12	2,8	2,8	2,8	3,7	4,69	12,1	13,5	1340	3290	4100	3,68	A	6	14,6	18,9	3,7	
	12+12+12+12	3,1	3,1	3,1	3,1	4,88	12,4	14,07	1410	3350	4300	3,7	A	6,3	14,9	19,7	3,8	



# Big Inverter Commercial



Duct DC18HP - DC24HP  
OS-CEBCH18EI/OS-SEDCH18EI  
OS-CEBCH24EI/OS-SEDCH24EI



Cassette DC 24 HP N  
OS-CEBCH24EI  
OS-SECNH24EI



Cassette DC 18 HP N  
OS-CEBCH18EI  
OS-SECNH18EI

Floor DC18HP- DC24HP  
OS-CEBCH18EI/OS-SEFCH18EI  
OS-CEBCH24EI/OS-SEFCH24EI



## Monosplit

Ducted climate control units with single indoor unit resolves most of the problem involved when there is limited space available. Available in the Monosplit version with Inverter technology, these units are able to modulate the power, which translates into energy savings.

## Accessories

- Plenum air delivery standard on mod. 18EI and 24EI.
- Condensate discharge to the right and left.
- Gas hose connections and electrical control panel on the same side.
- Reduced depth of indoor unit mod. 12EI=225 mm; 18EI and 24EI=300 mm.
- Air intake filter, optional.
- Air intake at back and side.

## Low power consumption

When the unit is turned on, the inverters develop such power that the set temperature is reached very quickly. Once the desired temperature has been reached, the inverter maintains it, reducing power absorption to the barest minimum.

## Wired and remote controls

The indoor unit operates with a wired control used to manage the entire climate control system (Duct). The controls can also be operated by an infrared remote control (Cassette, Floor).

## The cool air reaches all quarters

Specific for large spaces in business and professional facilities. To achieve this, it needs to be very powerful. And Big Inverter Commercial unleashes its power in two versions: 18 btu and 24 btu, for even larger areas.

This power comes with efficiency, reliability and low impact. And all with exemplary silence.

## Silence

The capillary refrigeration circuit is located on the outdoor unit. This makes the indoor unit very quiet and suitable for office, shop and residential applications.

## Choice of the type of indoor unit

Besides serving several rooms with a single system, hooking up from two to four indoor units to the same outdoor unit, Multiflexi Inverter also lets you choose what indoor unit to set in the various rooms according to the space available and the position selected: the classic wall split model that is normally wall-mounted but which can also be ceiling-mounted, the Duct unit which comes in two versions, or the Four Way Cassette Compact.

## Outdoor unit



# Big Inverter Commercial

		New!	
DUCT DC 18 HP	DUCT DC 24 HP	CASSETTE DC 18 HP N	CASSETTE DC 24 HP N
OS-CEBCH18EI/OS-SEDCH18EI	OS-CEBCH24EI/OS-SEDCH24EI	OS-CEBCH18EI/OS-SECNH18EI	OS-CEBCH24EI/OS-SECNH24EI
1,78 / 4,98 / 5,9	1,59 / 6,16 / 7,1	1,59 / 4,98 / 5,65	1,59 / 6,16 / 7,35
1,55 / 5,28 / 6,3	1,70 / 7,03 / 8,1	1,45 / 5,28 / 6,15	1,70 / 7,03 / 9,1
660 / 1522 / 2080	980 / 1917 / 2510	560 / 1522 / 1980	980 / 1917 / 2620
760 / 1461 / 2190	1050 / 1948 / 2540	720 / 1461 / 2030	1050 / 1948 / 2770
2,9 / 6,6 / 8,7	4,26 / 8,3 / 11,0	2,5 / 6,7 / 8,7	4,26 / 8,3 / 11,9
3,4 / 6,4 / 8,9	4,56 / 8,5 / 11,2	3,2 / 6,4 / 8,9	4,56 / 8,5 / 12,6
761,0	959	761,0	959
1,80	2,40	1,80	2,40
230 - 1 - 50	230 - 1 - 50	230 - 1 - 50	230 - 1 - 50
5,2	4,2	4,2	4,2
3,27	3,21	3,27	3,21
3,61	3,61	3,61	3,61
A	A	A	A
A	A	A	A
1.020 / 870 / 700	1.275 / 1.170 / 1.030	800 / 710 / 560	1220 / 1010 / 820
1.020 / 870 / 700	1.275 / 1.170 / 1.030	800 / 710 / 560	1220 / 1010 / 820
1.095 x 295 x 805	1.095 x 295 x 805	570 x 570 x 260	840 x 230 x 840
38 / 41 / 45	42 / 45 / 49	38 / 41 / 42	39 / 40,5 / 42
38,0	38,0	18,0	25,5
880 x 707 x 340	930 x 860 x 330	761 x 593 x 279	842 x 695 x 324
2.400	3.000	2.570	2.700
56	55	51	54
62,5	72,0	40	53
3 / 1	3 / 1	3 / 1	3 / 1
1/4 / 6,35	3/8 / 9,52	1/4 / 6,35	3/8 / 9,52
1/2 / 12,7	16	1/2 / 12,7	16
25	30	25	30
15	15	15	15
R410A / 1,7	R410A / 2,2	R410A / 1,7	R410A / 2,2
30	30	30	30



# Big Inverter Commercial

		Floor DC 18 HP	Floor DC 24 HP
		OS-CEBCH18EI OS-SEFCH18EI	OS-CEBCH24EI OS-SEFCH24EI
Cooling capacity (1)	kW (min-nom-max)	1,63 / 4,98 / 5,65	1,59 / 6,16 / 6,87
Heating capacity (1)	kW (min-nom-max)	1,45 / 5,28 / 6,15	1,70 / 7,03 / 7,69
Power absorption in cooling mode (1)	W (min-nom-max)	560 / 1522 / 1980	980 / 1917 / 2480
Power absorption in heating mode (1)	W (min-nom-max)	720 / 1461 / 2030	1050 / 1948 / 2510
Nominal absorption in cooling mode (1)	A (min-nom-max)	2,5 / 6,6 / 8,7	4,26 / 8,3 / 10,9
Nominal absorption in heating mode (1)	A (min-nom-max)	3,2 / 6,4 / 8,9	4,56 / 8,5 / 11,1
Yearly energy consumption in cooling mode (1)	kWh	761,0	959
Dehumidification capacity	l/h	1,80	2,40
Power supply	V - F - Hz	230 - 1 - 50	230 - 1 - 50
Maximum operating pressure MPa 5,2 4,2	MPa	5,2	4,2
E.E.R.	-	3,27	3,21
C.O.P.	-	3,61	3,61
Energy efficiency class in cooling mode	-	A	A
Energy efficiency class in heating mode	-	A	A
<b>Indoor unit:</b>			
Air flow in cooling mode (max/med/min)	m³/h	910 / 810 / 700	910 / 810 / 700
Air flow in heating mode (max/med/min)	m³/h	910 / 810 / 700	920 / 770 / 675
Dimensions	mm	980 x 660 x 203	980 x 660 x 203
Sound level	db(A) (min/med/max)	38 / 41 / 43	38 / 41 / 43
Weight (without packing)	Kg	29,0	29,0
<b>Outdoor unit:</b>			
Dimensions	mm	880 x 707 x 340	930 x 860 x 330
Air flow (max) m³/h 2.400 3.000	m³/h	2.400	3.000
Sound level	db(A)	56	55
Weight (without packing)	Kg	62,5	55,0
Fan speed (indoor unit/outdoor unit)	-	3 / 1	3 / 1
ø Connecting pipe (liquid)	inch - mm	1/4 / 6,35	1/4 / 6,35
ø Connecting pipe (gas)	inch - mm	1/2 / 12,7	16
Max connecting lenght	m	25	30
Max height difference	m	15	15
Refrigerant gas/load	Kind/kg	R410A / 1,7	R410A / 2,2
Additional gas (over 8 mt lenght)	g/m	11	30

OPERATING TEMPERATURES	Indoor temperature	Outdoor temperature
Maximum temp. cooling mode	DB 32°C - WB 24°C	DB 43°C
Minimum temp. cooling mode	DB 17°C - WB 14°C	DB 15°C
Maximum temp. heating mode	DB 27°C	DB 15°C
Minimum temp. heating mode	DB 17°C	DB -15°C

(1) The technical data are referred to EN 14511.

HP = heat pump - HE = high efficiency (energy saving / high performance)

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# Wall Split on-off

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ON OFF

Technical data	<div>New!</div> <div>New!</div> <div>New!</div> <div>New!</div>				
	EVOLUZIONE 10 HP	EVOLUZIONE 12.5 HP	BIG 20 HP HE	BIG 25 HP HE	DIFFUSIONE MULTI 21
Cooling capacity in Kw	2,80	3,60	5,70	7,20	6,16
Heating capacity in kW	2,90	3,70	6,10	7,70	7,05
Energy efficiency class in cooling mode	A	A	A	A	B
Energy efficiency class in heating mode	A	A	A	A	B
Features					
Room thermostat	•	•	•	•	•
Ventilation speed indoor/outdoor	3/1	3/1	3/1	3/1	3/1
Motorized louvers	•	•	•	•	•
AUTOFAN function	•	•	•	•	•
AUTO function	•	•	•	•	•
SLEEP function	•	•	•	•	•
Only fan function	•	•	•	•	•
Only dehumidifying function	•	•	•	•	•
Electronic timer	•	•	•	•	•
LCD IR remote control	•	•	•	•	•
Display LCD	•	•	•	•	•
Double compressor technology					•
Air filters	•	•	•	•	•



Environmentally – Friendly



And the class A rating is synonymous with efficiency and low energy consumption.



# Evoluzione



## Reliable with AA energy efficiency

Evoluzione features an elegant, streamlined design.

The electronic display on the front panel is large enough to be clearly read from a distance.

Efficiency and reliability



## New elegance

Evoluzione is elegant, compact and carefully designed. The shiny details and the large side display reveal its technological soul, perfectly housed inside a unit that is only classic in appearance.

## Performance and efficiency

Thanks to the use of high quality materials and sophisticated electronics, Evoluzione is not only powerful, it is also highly efficient. In fact, Evoluzione has a Class A rating (in cooling mode) which ensures maximum energy savings.

## Automatic

Once the desired temperature has been set on the remote control, this function regulates it and maintains it automatically.



## Ecological

Evoluzione uses environmentally-friendly R410A gas that has practically no impact on the ozone layer.

## Sleep

The temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours.

Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.



## Remote control

Evoluzione has an easy-to-use digital remote control and a broad display so you can quickly view the function settings.

## Electrostatic filter and activated carbon filter

The electrostatic filter controls, and eliminates, minute particles and emissions such as smoke, dust, pollens and animal hairs, thus preventing allergies. The activated carbon filter eliminates foul odours and makes gases that could be harmful to human health harmless.



High intensity filters

		New! Evoluzione 10 HP	New! Evoluzione 12.5 HP
		OS-C/SEESH10EI	OS-C/SEESH13EI
Cooling capacity (1)	kW	2,80	3,60
Heating capacity (1)	kW	2,90	3,70
Power absorption in cooling mode (1)	W	820	1075
Power absorption in heating mode (1)	W	795	1015
Yearly energy consumption in cooling mode (1)	kWh	410	538
Dehumidification capacity	l/h	1,0	1,3
Power supply	V-F-Hz	230-1-50	230-1-50
E.E.R.	—	3,41	3,35
C.O.P.	—	3,65	3,65
Energy efficiency class in cooling mode	—	A	A
Energy efficiency class in heating mode	—	A	A
<b>Indoor unit:</b>			
Air flow in cooling mode (min/med/max)	m³/h	360/440/490	450/500/560
Air flow in heating mode (min/med/max)	m³/h	360/440/490	450/500/560
Dimensions (W x H x D)	mm	750x250x190	750x250x190
Sound level	dB(A)	32 - 37	34 - 39
Weight (without packing)	Kg	8,0	8,0
<b>Outdoor unit:</b>			
Dimensions (W x H x D)	mm	715x482x240	715x482x240
Air flow (max)	m³/h	1.900	1.800
Sound level	dB(A)	53	55
Weight (without packing)	Kg	27	28
Fan speed (indoor unit/outdoor unit)	—	3/1	3/1
ø Connecting pipe (liquid)	pollici mm	1/4"-6,35	1/4"-6,35
ø Connecting pipe (gas)	pollici mm	3/8"-9,52	1/2"-12,7
Max connecting length	m	10	10
Max height difference	m	5	5
Refrigerant gas/load	Tipo/Kg	R410A/0,6	R410A/1,780
Additional gas (over 8 mt length)	g/m	20	20

OPERATIONAL LIMITS	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 32°C - WB 23°C	DB 43°C - WB 26°C
Minimum operating temperature in cooling mode	DB 18°C - WB 14°C	DB 15°C
Maximum operating temperature in heating mode	DB 27°C	DB 24°C - WB 18°C
Minimum operating temperature in heating mode	—	DB -8°C - WB -9°C

(1) The technical data are referred to EN 14511.





# Big



## All the capacity needed

Big is the air conditioner designed for large rooms. Ideal for shopping centres and large residential installations, Big meets all the criteria of modern air conditioning. It is powerful, efficient, simple and has a streamlined look.

Large spaces, great capacity



## New elegance

Today Big has a new, elegant look that is even more compact, with more sophisticated lines. The glossy details and broad side display reveal a high-tech heart set within a classic form that is only apparently conventional.

## Performance and efficiency

Thanks to the use of high quality materials and sophisticated electronics, Big is not only powerful, it is also highly efficient. In fact, Big has a Class A rating (in cooling mode) which ensures maximum energy savings.



## Automatic restart

No problem, even after a power blackout: once the power returns, Big turns automatically on again, returning to the previous operating mode and settings.

## Remote control

Big has an easy-to-use digital remote control and a broad display so you can quickly view the function settings.



## Electrostatic filter and activated carbon filter

The electrostatic filter controls, and eliminates, minute particles and emissions such as smoke, dust, pollens and animal hairs, thus preventing allergies. The activated carbon filter eliminates foul odours and makes gases that could be harmful to human health harmless.



Filtri ad alta intensità

**New!**  
**Big 20 HP**      **Big 25 HP**

		OS-SENH20EI/OS-CENH20EI	OS-SENH25EI/OS-CENH25EI
Cooling capacity (1)	kW	5,70	7,20
Heating capacity (1)	kW	6,10	7,70
Power absorption in cooling mode (1)	W	1.770	2.240
Power absorption in heating mode (1)	W	1.660	2.130
Yearly energy consumption in cooling mode (1)	kWh	885	1.120
Dehumidification capacity	l/h	2,5	2,7
Power supply	V-F-Hz	230-1-50	230-1-50
E.E.R.	—	3,22	3,21
C.O.P.	—	3,67	3,61
Energy Efficiency Class in cooling mode	—	A	A
Energy Efficiency Class in heating mode	—	A	A

<b>Indoor unit</b>			
Air flow in cooling mode (min/med/max)	m³/h	650/720/800	800/900/1.000
Air flow in heating mode (min/med/max)	m³/h	650/720/800	800/900/1.000
Dimensions (W x H x D)	mm	920x313x223	1.035x313x220
Sound level	dB(A)	40-45	45-50
Weight ( without packing )	Kg	13	14

<b>Outdoor unit</b>			
Dimensions (W x H x D)	mm	830x637x285	832x702x380
Air flow (max)	m³/h	2.200	2.900
Sound level	dB(A)	56	60
Weight (without packing)	Kg	49	58

Fan speeds (indoor unit / outdoor unit)	—	3/1	3/1
Ø Connecting pipe (liquid)	pollici mm	1/4 - 6,35	3/8 - 9,52
Ø Connecting pipe (gas)	pollici mm	5/8 - 15,87	5/8 - 15,87
Max connecting length	m	15	15
Max height difference	m	5	5
Refrigerant gas/load	Tipo/Kg	R410A/1,55	R410A/2,00
Additional gas (over 8 mt length)	g/m	20	20

<b>OPERATIONAL LIMITS</b>	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 32°C - WB 23°C	DB 43°C - WB 26°C
Minimum operating temperature in cooling mode	DB 18°C - WB 14°C	DB 21°C
Maximum operating temperature in heating mode	DB 27°C	DB 24°C - WB 18°C
Minimum operating temperature in heating mode	—	DB -7°C - WB -8°C

(1) The technical data are referred to EN 14511.



## Diffusione Multi 21



### One unit, several rooms

Multi stands for multisplit, a system that can condition several rooms with a single outdoor unit. Diffusione Multi 21 is a dual split unit where two indoor units can be connected to a single outdoor unit: and this means great convenience and savings. Carefully designed using high-tech electronics and high efficiency components. The use of environmentally friendly R410A gas and higher performance efficiency, provide better protection for the environment.

Top performance at the right price

## Double-compressor technology

Diffusione Multi 21 ensures the benefits of climate control in several rooms using a single outdoor unit. The double-compressor technology further reduces power consumption, using one or two compressors to meet demand. Moreover, if one of the two compressors fails, Diffusione Multi 21 can continue operating with the other one.

## Functions

The practical remote control with its large display, lets you select, among other things, the following functions:

**Auto:** the unit automatically sets operation mode according to the difference between the temperature setpoint and the temperature in the room.

**Dry:** this mode optimizes the air conditioning operation and fan speed in order to absorb humidity.

**Sleep:** the temperature setpoint is increased (in cooling mode) or decreased (in heating mode) by 1°C per hour for the first two hours. Then the temperature setpoint doesn't change for the next 5 hours, after which the unit is switched. The Sleep mode lets you maintain a comfortable temperature and, at the same time, save power.



### OPERATIONAL LIMITS

#### Maximum operating temperature in cooling mode:

Indoor temperature DB 32°C - WB 24°C  
Outdoor temperature DB 43°C - WB 26°C

### OPERATIONAL LIMITS

#### Maximum operating temperature in cooling mode:

Indoor temperature DB 17°C - WB 14°C  
Outdoor temperature DB 15°C

### OPERATIONAL LIMITS

#### Maximum operating temperature in cooling mode:

Indoor temperature DB 27°C  
Outdoor temperature DB 15°C

### OPERATIONAL LIMITS

#### Maximum operating temperature in cooling mode:

Indoor temperature DB 17°C  
Outdoor temperature DB -15°C

## Diffusione Multi 21 HP

### OS-C/SEMMH-21EI

Power supply	V-F-Hz	230-1-50	
Maximum operating pressure	MPa	3,50	
Max connecting length	m	15	
Max height difference	m	5	
Additional gas (over 8 mt length)	g/m	15	
Power cable (W pole)	—	3	
<b>Outdoor unit</b>		<b>OS-CEMMH21EI</b>	
Dimensions (W x H x D)	mm	895x655x345	
Air flow (max)	m³/h	2200	
Fan speeds	rpm	830	
Refrigerant gas/charge	Kind/Kg	R410A/2,000(1,10+0,90)	
Sound level	db (A)	56	
Weight (without packing)	Kg	76	
<b>Indoor unit</b>		<b>OS-CEMMH09EI</b>	<b>OS-CEMMH12EI</b>
Dimensions (W x H x D)	mm	710x250x195	790x265x193
Air flow in cooling mode (max/med/min)	m³/h	500/460/410	500/430/370
Air flow in heating mode (max/med/min)	m³/h	500/460/410	500/430/370
Fan speeds	rpm	1200/950/850	1220/1000/800
Ø Connecting pipe (liquid)	inch-mm	1/4"-6,35	1/4"-6,35
Ø Connecting pipe (gas)	inch-mm	3/8"-9,53	1/2"-12,7
Connecting cable (N° pole)	—	5	5
Sound level	db (A) (max/med/min)	36-34-32	37-34-31
Weight (without packing)	Kg	8,0	9,0

### OPERATIONAL LIMITS

	Indoor temperature	Outdoor temperature
Maximum operating temperature in cooling mode	DB 32°C - WB 24°C	DB 43°C - WB 26°C
Minimum operating temperature in cooling mode	DB 17°C - WB 14°C	DB 15°C
Maximum operating temperature in heating mode	DB 27°C	DB 15°C
Minimum operating temperature in heating mode	DB 17°C	DB -15°C

### Configuration OS-CEMMH21EI + OS-CEMMH09EI + OS-CEMMH12EI

Nominal absorption in cooling mode (1)	A	8,9	E.E.R.	—	3,01
Nominal absorption in heating mode (1)	A	9,0	C.O.P.	—	3,41
Yearly energy consumption in cooling mode (1)	kWh	1.023	Energy Efficiency Class in cooling mode	—	B
Dehumidification capacity	l/h	3,2	Energy Efficiency Class in heating mode	—	B

(1) The technical data are referred to EN 14511.

HP = heat pump

HE = high efficiency (energy savings/high performance)

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### Note

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